

# FEDERAL REGISTER



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## TITLE 3—THE PRESIDENT

### PROCLAMATION 3213

UNITED NATIONS HUMAN RIGHTS DAY, 1957  
BY THE PRESIDENT OF THE UNITED STATES  
OF AMERICA  
A PROCLAMATION

WHEREAS December 10, 1957, marks the ninth anniversary of the proclamation by the General Assembly of the United Nations of the Universal Declaration of Human Rights as a common standard of achievement for all nations and all peoples, and will be observed throughout the world as a time to increase understanding of that great document; and

WHEREAS December 15, 1957, marks the one hundred and sixty-sixth anniversary of the adoption of our Bill of Rights as the first ten amendments to the Constitution of the United States; and

WHEREAS the fundamental rights and freedoms which are our heritage as Americans—freedom of speech and of the press, freedom of assembly and association, freedom of conscience and religious worship, the right to fair trial and equal treatment under law—are recognized by peoples throughout the world as foundations of liberty and justice; and

WHEREAS the new resources which have come into being as the result of the scientific and technical advances of our time give new hope for the fulfillment of human needs and greater enjoyment of human rights:

NOW, THEREFORE, I, DWIGHT D. EISENHOWER, President of the United States of America, do hereby proclaim December 10, 1957, as United Nations Human Rights Day; and I call upon the citizens of the United States to honor this day by reading and studying the Universal Declaration of Human Rights and the Bill of Rights in the Constitution of the United States, that we may be reminded of our privileges and responsibilities as a people dedicated to the principles of freedom. Let us draw strength from our own experience of liberty to use our new resources for the benefit of all mankind. Let us reaffirm our faith in the individual, and let us as members of the brotherhood of all free men strengthen and defend the blessings

of liberty for this generation and for generations to come.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Seal of the United States of America to be affixed.

DONE at the City of Washington this seventh day of December in the year of our Lord nineteen hundred and [SEAL] fifty-seven, and of the Independence of the United States of America the one hundred and eighty-second.

DWIGHT D. EISENHOWER

By the President:

JOHN FOSTER DULLES,  
Secretary of State.

[F. R. Doc. 57-10323; Filed, Dec. 10, 1957;  
12:50 p. m.]

## TITLE 6—AGRICULTURAL CREDIT

### Chapter IV—Commodity Stabilization Service and Commodity Credit Corporation, Department of Agriculture

#### Subchapter B—Loans, Purchases, and Other Operations

[Amtd. 1]

#### PART 446—PEANUTS

#### SUBPART—1957 CROP PEANUT PRICE SUPPORT PROGRAM

##### MISCELLANEOUS AMENDMENTS

The regulations issued by CCC with respect to the 1957 crop Peanut Price Support Program (22 F. R. 6551) are amended as provided herein. The area in which the program will be available is extended to include the State of Washington. A location differential discount of \$0.0215 per pound shall be made for all types of peanuts in the State of Washington. Purchase agreements as well as loans will be available to eligible producers. A reference to the revised standards for U. S. No. 2 shelled Virginia type peanuts is included in § 446.921 (a).

The regulations in §§ 446.901 to 446.932, inclusive, are hereby amended and a new § 446.933 is added as specified below:

1. Section 446.902 (a) (2) is amended to read as follows:

(Continued on p. 9915)

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(2) The Southwestern area consisting of the States of Arizona, Arkansas, California, Louisiana, New Mexico, Oklahoma, Texas, and Washington.

2. Section 446.902 (b) is amended by adding at the end thereof the following: "Purchase agreements will be available at the county office through January 31, 1958. A producer who desires to sell peanuts to CCC is required to file Commodity Purchase Form 1 with the county office on or before such date."

3. Section 446.903 is amended to read as follows:

§ 446.903 *Methods of price support.* CCC will support the price of eligible 1957 crop quota peanuts through non-recourse farm storage loans to eligible producers, non-recourse warehouse storage loans to associations operating under agreements with CCC, and through purchase agreements with eligible producers.

4. Section 446.906 is amended by changing the first sentence thereof to read as follows: "The following price support schedule applies to farmers stock peanuts in bulk or in bags, net weight basis, eligible for loan or for purchase agreements under the terms of the peanut price support program."

5. Section 446.907 (b) is amended to read as follows:

(b) Contain moisture not in excess of (1) ten (10) percent when placed under a farm storage loan, (2) the maximum moisture limitation specified by the association for peanuts received into a warehouse as collateral for a loan to the association, or (3) nine (9) percent in the Southeast and Southwest areas or 10 percent in the Virginia-Carolina Area when delivered under a purchase agreement; except that peanuts which have been mechanically dried shall contain at least 5 percent moisture when placed under a farm storage loan or when received in the warehouse and shall not show evidence of damage from the drying process, as indicated by hardness, off flavor or excessive slippage of the skin;

6. Section 446.909 is amended by adding the following paragraph (e) immediately after paragraph (d) and preceding the last sentence in the section:

(e) When delivered to CCC under a purchase agreement.

7. Section 446.911 (a) is amended to read as follows:

(a) On the quantity of peanuts placed under a farm storage loan the producer shall pay an initial service charge in the amount of 30 cents per ton, except that the minimum charge shall be \$3.00. An additional service charge at the rate of 30 cents per ton shall be paid on any additional quantity delivered to and accepted by CCC. On the quantity of peanuts covered by a purchase agreement the producer shall pay, at the time the agreement is filed, a service charge of 15 cents per ton or fraction thereof, except that the minimum charge shall be \$1.50. No refund of service charges will be made. State committees may, at their option, require a deposit on farm storage loans, such deposit to be applied against the service charge when the loan is granted.

8. Section 446.911 (b) is amended to read as follows:

(b) The producer will pay the fee for inspecting peanuts placed under a farm storage loan or a loan to the association and for peanuts delivered to CCC under a purchase agreement. CCC will pay the fee for inspecting loan collateral peanuts acquired by CCC.

9. Section 446.911 is further amended by redesignating paragraph (d) as paragraph (e) and adding a new paragraph (d) as follows:

(d) In the State of Washington producers shall defray the cost of freight to locations designated by CCC at the rate of \$0.0215 per pound.

10. Section 446.915 (a) is amended to read as follows:

(a) If the producer is indebted to CCC on any accrued obligation, or if any installment or installments on any loan made available by CCC on farm-storage facilities or mobile drying equipment are past due, or are payable under the provisions of the note evidencing such loan out of the proceeds of the price support loan or purchase, such producer must designate CCC or the lending agency holding such note as the payee of the proceeds of the price support loan or purchase to the extent of such indebtedness or installments, plus interest if any, but not to exceed that portion of the proceeds remaining after deduction of loan service charges and amounts due prior lien-holders. If the producer is indebted to any other agency of the United States and such indebtedness is listed on the county debt register, he must designate such agency as the payee of the proceeds as provided in this section. Indebtedness owing to CCC or to a lending agency as provided in this section shall be given first consideration after claims of prior lienholders.

11. Section 446.921 (a) is amended to read as follows:

(a) Meet the standards for U. S. No. 2 shelled peanuts of such type (as specified in the U. S. Standards issued by the U. S. Department of Agriculture, Agricultural Marketing Service, effective July

31, 1956 for Runner and Spanish types and effective September 15, 1957 for Virginia type): *Provided, however*, That such peanuts shall contain 7 percent or less damaged kernels and kernels with minor defects, 9 percent or less moisture, 2 percent or less foreign material, and 10 percent or less sound peanuts and portions of peanuts which will pass through the screen prescribed for such type.

12. The regulations are amended by the addition of the following § 446.933:

§ 446.933 *Purchase agreements.* (a) Purchase agreements will be available to eligible producers on eligible peanuts stored on the farm or stored off the farm on an identity preserved basis. Any peanuts stored off the farm on other than an identity preserved basis shall not be eligible for sale to CCC. The producer who signs a purchase agreement will not be obligated to sell any quantity of the peanuts to CCC. However, he may sell to CCC any quantity of eligible peanuts not in excess of the quantity stated in the purchase agreement. The producer may not assign his interest in a purchase agreement.

(b) *Delivery.* If the producer who signs a purchase agreement wishes to sell the peanuts to CCC, he will have a 30-day period ending on May 31, 1958, during which he must notify the county committee in writing of his intention to sell. The producer shall deliver the peanuts in accordance with delivery instructions issued by the county office, and shall complete delivery within a 15-day period immediately following the date of such instructions unless the county office determines that more time is needed for delivery. The producer may be required to retain the peanuts represented by a purchase agreement for a period of 60 days after May 31, 1958 without any cost to CCC.

(c) *Method of determining quality and quantity.* Peanuts delivered to CCC pursuant to a purchase agreement shall be of the type specified on the purchase agreement, and shall meet the grade requirements of § 446.907 as determined by a Federal or Federal-State inspector on the basis of a sample taken at the time of delivery. The quantity of peanuts shall be determined by actual weight at the time of delivery. CCC will not assume any loss in quantity or quality of the peanuts covered by a purchase agreement occurring prior to delivery to CCC.

(d) *Settlement.* Settlement for eligible peanuts delivered to CCC under a purchase agreement shall be made at the applicable support price for the type, grade and quantity, net weight (calculated from actual gross weight), delivered and accepted by the county committee. When delivery is completed, payment will be made by sight draft drawn on CCC by the county office. The producer shall direct on Commodity Purchase Form 4 to whom payment of proceeds shall be made.

(e) *Applicable forms and requirements.* Applicable forms shall consist of the Purchase Agreement and Purchase Agreement Settlement signed by the producer and approved by the county office manager, the delivery instructions

issued by the county office, the Inspection Certificate and Sales Memorandum Form MQ-94 Peanuts (4-15-57), and such other forms and documents as may be required by CCC.

(Sec. 4, 62 Stat. 1070, as amended; 15 U. S. C. 714b. Interprets or applies sec. 5, 62 Stat. 1072, secs. 101, 401, 63 Stat. 1051, 1054; sec. 201, 68 Stat. 899; 15 U. S. C. 714c, 7 U. S. C. 1441, 1421)

Issued this 6th day of December, 1957.

[SEAL] CLARENCE L. MILLER,  
Acting Executive Vice President,  
Commodity Credit Corporation.

[F. R. Doc. 57-10313; Filed, Dec. 11, 1957;  
8:54 a. m.]

## TITLE 7—AGRICULTURE

### Chapter IX—Agricultural Marketing Service (Marketing Agreements and Orders), Department of Agriculture

#### Subchapter A—Marketing Orders

#### PART 1015—CUCUMBERS GROWN IN FLORIDA

##### PACK SPECIFICATIONS

Pursuant to Marketing Agreement No. 118 and Order No. 115 (7 CFR Part 1015; 22 F. R. 6083), regulating the handling of cucumbers grown in Florida effective under the applicable provisions of the Agricultural Marketing Agreement Act of 1937, as amended (48 Stat. 31, as amended; 7 U. S. C. 601 et seq.; 68 Stat. 906, 1047), and upon the basis of recommendations and information submitted by the Florida Cucumber Committee, established pursuant to said marketing agreement and order, and upon other available information, it is hereby found that the revision of pack specifications, as hereinafter provided, will tend to effectuate the declared policy of the act. Pack specifications issued pursuant to said marketing agreement and order became effective November 10, 1957 (22 F. R. 8975).

It is hereby found that it is impracticable, unnecessary, and contrary to the public interest to give preliminary notice and engage in public rule making procedure, and that good cause exists for not postponing the effective date of this revision for 30 days or any other period beyond the date hereinafter specified (5 U. S. C. 1001 et seq.) in that (i) the time intervening between the date when information upon which this revision is based became available and the time when this revision must become effective in order to effectuate the declared policy of the act is insufficient, (ii) more orderly marketing in the public interest, than would otherwise prevail, will be promoted by regulating the shipment of cucumbers in the manner set forth below on and after the effective date of this revision, (iii) compliance with this revision will not require any special preparation on the part of handlers which cannot be completed by the effective date, (iv) reasonable time is permitted, under the circumstances, for such preparation, and (v) information regarding the committee's recommendations has been made

available to producers and handlers in the production area.

The provisions of § 1015.101 *Pack specifications* (22 F. R. 8975) are hereby revised by redesignating paragraph (b) as paragraph (c) and adding a new paragraph (b) reading as follows:

(b) On and after December 16, 1957, and until modified, suspended or terminated, the following shall constitute an additional pack of cucumbers pursuant to § 1015.11:

(1) "U. S. No. 1—Minimum 60% Fancy" consists of cucumbers of which at least 60 percent of the cucumbers in a lot are U. S. Fancy and the remaining 40 percent or less of such cucumbers are of U. S. No. 1 quality. None of the cucumbers in such pack shall be larger than 2½ inches in diameter or less than 6 inches in length. Not more than 10 percent, by count, of the cucumbers in any lot may fail to meet the requirements of U. S. No. 1 grade, including therein not more than 1 percent for decay, and, in addition, not more than 10 percent, by count, of the cucumbers in any lot may fail to meet the length and diameter requirements of the U. S. No. 1 grade including therein not more than 5 percent for cucumbers which fail to meet the requirement for maximum diameter.

(Sec. 5, 49 Stat. 753, as amended; 7 U. S. C. 608c)

Dated: December 6, 1957, to become effective December 16, 1957.

[SEAL] FLOYD F. HEDLUND,  
Acting Director  
Fruit and Vegetable Division.

[F. R. Doc. 57-10273; Filed, Dec. 11, 1957;  
8:49 a. m.]

[1015.301, Amdt. 5]

#### PART 1015—CUCUMBERS GROWN IN FLORIDA

##### LIMITATION OF SHIPMENTS

a. *Findings.* (1) Pursuant to Marketing Agreement No. 118 and Order No. 115 (22 F. R. 6083) regulating the handling of cucumbers grown in Florida, effective under the applicable provisions of the Agricultural Marketing Agreement Act of 1937, as amended (48 Stat. 31, as amended; 7 U. S. C. 601 et seq.; 68 Stat. 906, 1047), and upon the basis of the recommendation and information submitted by the Florida Cucumber Committee, established pursuant to said marketing agreement and order, and upon other available information, it is hereby found that the amendment to the limitation of shipments, as hereinafter provided, will tend to effectuate the declared policy of the act.

(2) It is hereby found that it is impracticable, unnecessary, and contrary to the public interest to give preliminary notice and engage in public rule making procedure, and that good cause exists for not postponing the effective date of this amendment for 30 days or any other period beyond the date hereinafter specified (5 U. S. C. 1001 et seq.) in that (i) the time intervening between the date when information upon which this



amendment is based became available and the time when this amendment must become effective in order to effectuate the declared policy of the act is insufficient, (ii) more orderly marketing in the public interest, than would otherwise prevail, will be promoted by regulating the shipment of cucumbers, in the manner set forth below, on and after the effective date of this amendment, (iii) compliance with this amendment will not require any special preparation on the part of handlers which cannot be completed by the effective date, (iv) information regarding the committee's recommendations has been made available to producers and handlers in the production area, and (v) this amendment relieves restrictions on the handling of cucumbers grown in the production area.

b. *Order as amended.* The provisions of § 1015.301 (b) (1) (22 F. R. 9589, 9251, 8976, 8810, 8219, 8148) are hereby amended as follows:

(b) *Order.* During the period from December 7, 1957, through December 15, 1957, the following regulations shall be effective with respect to all varieties of cucumbers grown in the production area:

(1) No person shall handle any cucumbers, except for conversion into pickles or relishes, unless such cucumbers meet the requirements of U. S. No. 2, or better, grade.

(Sec. 5, 49 Stat. 753, as amended; 7 U. S. C. 608c)

Dated: December 6, 1957, to become effective December 8, 1957.

FLOYD F. HEDLUND,  
Acting Director,  
Fruit and Vegetable Division.

[F. R. Doc. 57-10275; Filed, Dec. 11, 1957;  
8:49 a. m.]

[1015.301, Amdt. 6]

#### PART 1015—CUCUMBERS GROWN IN FLORIDA

##### LIMITATION OF SHIPMENTS

a. *Findings.* (1) Pursuant to Marketing Agreement No. 118 and Order No. 115 (22 F. R. 6083) regulating the handling of cucumbers grown in Florida, effective under the applicable provisions of the Agricultural Marketing Agreement Act of 1937, as amended (48 Stat. 31, as amended; 7 U. S. C. 601 et seq.; 68 Stat. 906, 1047), and upon the basis of the recommendation and information submitted by the Florida Cucumber Committee, established pursuant to said marketing agreement and order, and upon other available information, it is hereby found that the amendment to the limitation of shipments, as hereinafter provided, will tend to effectuate the declared policy of the act.

(2) It is hereby found that it is impracticable, unnecessary, and contrary to the public interest to give preliminary notice and engage in public rule making procedure, and that good cause exists for not postponing the effective date of this amendment for 30 days or any other period beyond the date hereinafter speci-

fied (5 U. S. C. 1001 et seq.) in that (i) the time intervening between the date when information upon which this amendment is based became available and the time when this amendment must become effective in order to effectuate the declared policy of the act is insufficient, (ii) more orderly marketing in the public interest, than would otherwise prevail, will be promoted by regulating the shipment of cucumbers, in the manner set forth below, on and after the effective date of this amendment, (iii) compliance with this amendment will not require any special preparation on the part of handlers which cannot be completed by the effective date, (iv) information regarding the committee's recommendations has been made available to producers and handlers in the production area, and (v) this amendment relieves restrictions on the handling of cucumbers grown in the production area.

b. *Order, as amended.* The provisions of § 1015.301 (b) (22 F. R. 9589, 9251, 8976, 8810, 8219, 8148) are hereby amended as follows:

(b) *Order.* During the period from December 16, 1957, through July 31, 1958, the following regulations shall be effective with respect to all varieties of cucumbers grown in the production area:

(1) No person shall handle any cucumbers, except for conversion into pickles or relishes, unless such cucumbers meet the requirements of the U. S. No. 2, or better, grade;

(2) Each handler subject to these regulations may handle up to, but not to exceed one bushel (54 pounds net), or equivalent, of cucumbers per day without regard to the requirements of this section, but this exception shall not apply to any portion of a shipment over one bushel of cucumbers;

(3) No person shall handle cucumbers unless such cucumbers are so packed that they meet the grade and size requirements of this section, and one of the applicable pack specifications, established in § 1015.101.<sup>2</sup> Each container in each lot, or portion of a lot, of such cucumbers shall be marked or stamped to show, pursuant to the pack specifications established in § 1015.101,<sup>2</sup> and as certified by the Federal-State Inspection Service, the United States grade or modifications thereof applicable to such lot. Such marking or stamping shall be in letters at least one-half inch high and shall be so placed on each container as to be conspicuous and legible;

(4) No person shall handle any cucumbers unless such cucumbers are inspected and certified pursuant to the provisions of § 1015.60; and

(5) The grades and sizes used in this section shall have the same meanings assigned these terms in the United States Standards for Cucumbers (§§ 51.2220 to 51.2233 of this title), including the tolerances set forth therein. The term "Fancy" is synonymous with, and shall have the same meaning as the term "U. S. Fancy"; the terms "Minimum 60% Fancy", "U. S. No. 1—Minimum 60% Fancy", and "Minimum 60% Fancy—

<sup>2</sup> See F. R. Doc. 57-10273, *supra*.

U. S. No. 1", are synonymous with and shall have the same meaning as U. S. No. 1, Minimum 60% Fancy as specified in § 1015.101,<sup>2</sup> and "cucumbers" and all other terms shall have the same meaning as when used in Order No. 115 (22 F. R. 6083).

(Sec. 5, 49 Stat. 753 as amended; 7 U. S. C. 608c)

Dated: December 6, 1957, to become effective December 16, 1957.

[SEAL] FLOYD F. HEDLUND,  
Acting Director,  
Fruit and Vegetable Division.

[F. R. Doc. 57-10274; Filed, Dec. 11, 1957;  
8:49 a. m.]

#### Subchapter B—Prohibitions of Imported Commodities

[Cucumber Reg., Amdt.-2]

#### PART 1070—CUCUMBERS

##### IMPORT RESTRICTIONS

Pursuant to regulations issued under Marketing Agreement No. 118 and Order No. 115 (22 F. R. 6083); regulating the handling of cucumbers grown in Florida, and in accordance with the requirements of § 8e of the Agricultural Marketing Agreement Act of 1937, as amended (48 Stat. 31, as amended; 7 U. S. C. 601 et seq.; 68 Stat. 906, 1047), amended paragraph (b) *Import restrictions* of § 1070.1 (Cucumber Regulation No. 1; 22 F. R. 9045) as hereinafter set forth supersedes Cucumber Regulation No. 1—Amendment 1 (22 F. R. 9690) and reads as follows:

(b) *Import restrictions.* During the period from December 8, 1957, to July 31, 1958, both dates inclusive, and subject to the general regulations (Part 1060 of this chapter) applicable to the importation of listed commodities and the requirements of this section, no person shall import any cucumbers of any variety unless such cucumbers meet the requirements of U. S. No. 2, or better, grade.

It is hereby found that it is impracticable, unnecessary, and contrary to the public interest to give preliminary notice, engage in public rule making procedure, and postpone the effective date of this amendatory regulation beyond that therein specified (5 U. S. C. 1001 et seq.) in that (i) the requirements established by this amended import regulation are issued pursuant to section 8e of the Agricultural Marketing Agreement Act of 1937, as amended (48 Stat. 31, as amended; 7 U. S. C. 601 et seq.; 68 Stat. 906, 1047), which make such amended regulation mandatory; (ii) the regulations hereby established for cucumbers that may be imported into the United States comply with grade, size, quality and maturity restrictions imposed upon domestic cucumbers under Marketing Agreement No. 118 and Order No. 115 (7 CFR 1015.301; 22 F. R. 8148, 8219, 8810, 8976, 9251, 9589; (iii) compliance with this cucumber import regulation should not require any special preparation by importers which cannot be completed by the effective date hereof; and (iv) this amendment imposes less severe

restrictions on the importation of cucumbers than would be imposed by § 1070.1 Cucumber Regulation No. 1—Amendment 1 (22 F. R. 9690) if it were not amended.

(Sec. 5, 40 Stat. 753, as amended; 7 U. S. C. 608c. Interprets or applies sec. 401, 68 Stat. 906; 7 U. S. C. 608e.)

Dated: December 6, 1957, to become effective December 8, 1957.

[SEAL] FLOYD F. HEDLUND,  
Acting Director, Fruit and Vegetable  
Division, Agricultural  
Marketing Service.

[F. R. Doc. 57-10272; Filed, Dec. 11, 1957;  
8:48 a. m.]

## TITLE 12—BANKS AND BANKING

### Chapter II—Federal Reserve System

Subchapter A—Board of Governors of the  
Federal Reserve System

#### PART 224—DISCOUNT RATES

##### MISCELLANEOUS AMENDMENTS

Pursuant to section 14 (d) of the Federal Reserve Act, and for the purpose of adjusting discount rates with a view to accommodating commerce and business in accordance with other related rates and the general credit situation of the country, Part 224 is amended as set forth below:

1. Section 224.2 is amended to read as follows:

§ 224.2 *Advances and discounts for member banks under sections 13 and 13a.* The rates for all advances and discounts under sections 13 and 13a of the Federal Reserve Act (except advances under the last paragraph of such section 13 to individuals, partnerships or corporations other than member banks) are:

Federal Reserve Bank of	Rate	Effective
Boston.....	3	Nov. 19, 1957
New York.....	3	Nov. 15, 1957
Philadelphia.....	3	Nov. 22, 1957
Cleveland.....	3	Nov. 29, 1957
Richmond.....	3	Nov. 15, 1957
Atlanta.....	3	Do.
Chicago.....	3	Nov. 29, 1957
St. Louis.....	3	Nov. 15, 1957
Minneapolis.....	3	Nov. 22, 1957
Kansas City.....	3	Do.
Dallas.....	3	Dec. 2, 1957
San Francisco.....	3	Nov. 29, 1957

2. Section 224.3 is amended to read as follows:

§ 224.3 *Advances to member banks under section 10 (b).* The rates for advances to member banks under section 10 (b) of the Federal Reserve Act are:

Federal Reserve Bank of	Rate	Effective
Boston.....	3½	Nov. 19, 1957
New York.....	3½	Nov. 15, 1957
Philadelphia.....	3½	Nov. 22, 1957
Cleveland.....	3½	Nov. 29, 1957
Richmond.....	3½	Nov. 15, 1957
Atlanta.....	3½	Do.
Chicago.....	3½	Nov. 29, 1957
St. Louis.....	3½	Nov. 15, 1957
Minneapolis.....	3½	Nov. 22, 1957
Kansas City.....	3½	Do.
Dallas.....	3½	Dec. 2, 1957
San Francisco.....	3½	Nov. 29, 1957

3. Section 224.4 is amended to read as follows:

§ 224.4 *Advances to persons other than member banks.* The rates for advances to individuals, partnerships or corporations other than member banks secured by direct obligations of the United States under the last paragraph of section 13 of the Federal Reserve Act are:

Federal Reserve Bank of	Rate	Effective
Boston.....	4	Nov. 19, 1957
New York.....	3¾	Nov. 15, 1957
Philadelphia.....	4	Aug. 9, 1957
Cleveland.....	4	Nov. 29, 1957
Richmond.....	4½	Aug. 19, 1957
Atlanta.....	4½	Aug. 13, 1957
Chicago.....	4½	Aug. 9, 1957
St. Louis.....	4	Nov. 15, 1957
Minneapolis.....	4½	Aug. 9, 1957
Kansas City.....	4	Nov. 22, 1957
Dallas.....	4½	Aug. 13, 1957
San Francisco.....	4½	Aug. 15, 1957

4. Section 224.5, relating to rates on advances to industrial and commercial businesses (including loans made in participation with financial institutions) under section 13b of the Federal Reserve Act, is amended so as to change the percentage rate on loans (1) for the Federal Reserve Bank of New York from 4½-6 to 3¾-5½, and on commitments from ½-1½ to ½-1¾, effective November 15, 1957; and (2) for the Federal Reserve Bank of St. Louis from 4-6 to 3½-5½, and on commitments from ½-1½ to ½-1¾, effective November 15, 1957.

5. Section 224.6, relating to loans to financing institutions under section 13b of the Federal Reserve Act, is amended so as to change the percentage rate (1) for the Federal Reserve Bank of New York on commitments from ½-1½ to ½-1¾, effective November 15, 1957; and (2) for the Federal Reserve Bank of St. Louis on discounts or purchases on the portion for which the institution is obligated from 3½-4 to 3-3½, and on commitments from ½-1½ to ½-1¾, effective November 15, 1957.

For the reasons and good cause found as stated in § 224.7, there is no notice, public participation, or deferred effective date in connection with this action.

(Sec. 11 (1), 38 Stat. 262; 12 U. S. C. 248 (1). Interpret or apply sec. 14 (d), 38 Stat. 264, as amended; 12 U. S. C. 357)

Board of Governors of the Federal Reserve System.

[SEAL] MERRITT SHERMAN,  
Assistant Secretary.

[F. R. Doc. 57-10268; Filed, Dec. 11, 1957;  
8:48 a. m.]

## TITLE 32—NATIONAL DEFENSE

### Chapter XI—National Guard and State Guard, Department of the Army

#### PART 1101—NATIONAL GUARD REGULATIONS

##### FEDERAL RECOGNITION

In § 1101.3 (h) (2), subdivision (iii) (c) is revised to read as follows:

§ 1101.3 *Federal recognition.* \* \* \*

(h) *Requirements.* \* \* \*

(2) *Persons eligible.* \* \* \*

(iii) *Special.* \* \* \*

(c) ROTC graduates may be extended Federal recognition and transferred to an Army National Guard of the United States status during the interim period between their appointment in the Army Reserve and the date of reporting for active duty or active duty for training, subject to the following:

(1) The ROTC graduate, who is obligated for two years active duty, must be assigned in the same branch as that in which he holds his appointment in the United States Army Reserve.

(2) The ROTC graduate, who is obligated for six months active duty for training, may be assigned in any branch. If the branch is different from that in which he holds his appointment in the United States Army Reserve, he should clearly understand that:

(i) It will mean a transfer of branch in his Reserve of the Army Status.

(ii) His active duty for training orders will be amended to reflect attendance at a service school appropriate to his new branch.

(iii) In all probability the date of his entry on active duty for training will be changed to coincide with the schedule of the new service school.

(3) The application for Federal recognition together with the statements required by paragraph (1) (5) (xiii) of this section must arrive in the National Guard Bureau no later than 30 days prior to the date that the individual is scheduled to report for active duty or active duty for training.

[C2, NGR 20-2, Sept. 16, 1957] (Sec. 110, 70A Stat. 600; 32 U. S. C. 110)

[SEAL] HERBERT M. JONES,  
Major General, U. S. Army,  
The Adjutant General.

[F. R. Doc. 57-10241; Filed, Dec. 11, 1957;  
8:45 a. m.]

## TITLE 14—CIVIL AVIATION

### Chapter II—Civil Aeronautics Administration, Department of Commerce

[Amdt. 48]

#### PART 609—STANDARD INSTRUMENT APPROACH PROCEDURES

##### PROCEDURE ALTERATIONS

The standard instrument approach procedures appearing hereinafter are adopted to become effective when indicated in order to promote safety. Compliance with the notice, procedures, and effective date provisions of section 4 of the Administrative Procedure Act would be impracticable and contrary to the public interest, and therefore is not required.

Part 609 is amended as follows:

NOTE: Where the general classification (L/MFR, ADF, VOR, TerVOR, VOR/DME, ILS, or RADAR), location, and procedure number (if any) of any procedure in the amendments which follow, are identical with an existing procedure, that procedure is to be substituted for the existing one, as of the effective date given, to the extent that it differs from the existing procedure; where a procedure is cancelled, the existing procedure is revoked; new procedures are to be placed in appropriate alphabetical sequence within the section amended.

## 1. The low or medium frequency range procedures prescribed in § 609.100 (a) are amended to read in part:

## LFR STANDARD INSTRUMENT APPROACH PROCEDURE

Bearings, headings, courses and radials are magnetic. Elevations and altitudes are in feet MSL. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles.

If an instrument approach procedure of the above type is conducted at the below named airport, it shall be in accordance with the following instrument approach procedure, unless an approach is conducted in accordance with a different procedure for such airport authorized by the Administrator of Civil Aeronautics. Initial approaches shall be made over specified routes. Minimum altitudes shall correspond with those established for en route operation in the particular area or as set forth below.

Transition				Ceiling and visibility minimums			
From—	To—	Course and distance	Minimum altitude (feet)	Condition	2-engine or less		More than 2-engine, more than 65 knots
					65 knots or less	More than 65 knots	
La Habra FM	LGB-LFR	Direct	1800	T-dn	300-1	300-1	*200-1/2
Int SE crs LGB LFR, and SW crs EL TORO LFR	LGB-LFR	Direct	1400	C-dn	500-1	500-1	500-2
Huntington Beach FM	LGB-LFR (Final)	Direct	1000	S-dn-30	500-1	500-1	500-1
Long Beach VOR	LGB-LFR	Direct	1500	A-dn	800-2	800-2	800-2

\*300-1 required for take-off runways 16, 16R, 25L, 34R.

Radar vectoring to final approach course authorized.

Procedure turn S side SE crs, 115° Outbd, 235° Inbd, 1500' within 10 miles, beyond 10 miles NA.

Minimum altitude over facility on final approach crs, 1000'.

Crs and distance, facility to airport, 238-3.4.

If visual contact not established upon descent to authorized landing minimums or if landing not accomplished within 3.4 miles, climb to 800' on NW crs, then turn left to 200° continuing climb to Int. of 160° crs from LAX RBN and proceed to San Pedro Int at 2500', or when directed by ATC, climb to 800' on NW crs LGB, reverse course to left and return to LGB LFR at 1500'.

CAUTION: 500' hill with oil derricks one mile S of airport; standard clearance not provided over obstructions for circling minimums.

City, Long Beach; State, Calif.; Airport Name, Municipal; Elev., 17'; Fac. Class, SBMRLZ; Ident., LGB; Procedure No. 1, Amdt. 15; Eff. Date, 4 Jan. 53; Sup. Amdt. No. 14. Dated, 2 Nov. 57

				T-dn	300-1	300-1	200-1/2
				C-dn	400-1	500-1	500-1/2
				A-dn	800-2	800-2	800-2

Procedure turn N side NE crs, 050 Outbd, 249 Inbd, 3000' within 10 ml. NA beyond 10 ml.

Minimum altitude over facility on final approach crs, 2000'.

Crs and distance, facility to airport, 210-3.7.

If visual contact not established upon descent to authorized landing minimums or if landing not accomplished within 3.7 ml, make a climbing right turn, return to LFR climbing to 3000'.

NOTE: ADF approach not authorized.

City, Utica; State, N. Y.; Airport Name, Oneida County; Elev., 742'; Fac. Class, BMRLZ; Ident., UCA; Procedure No. 1, Amdt. 6; Eff. Date, 4 Jan. 53; Sup. Amdt. No. 5; Dated, 21 Mar. 56

## 2. The automatic direction finding procedures prescribed in § 609.100 (b) are amended to read in part:

## ADF STANDARD INSTRUMENT APPROACH PROCEDURE

Bearings, headings, courses and radials are magnetic. Elevations and altitudes are in feet MSL. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles.

If an instrument approach procedure of the above type is conducted at the below named airport, it shall be in accordance with the following instrument approach procedure, unless an approach is conducted in accordance with a different procedure for such airport authorized by the Administrator of Civil Aeronautics. Initial approaches shall be made over specified routes. Minimum altitudes shall correspond with those established for en route operation in the particular area or as set forth below.

Transition				Ceiling and visibility minimums			
From—	To—	Course and distance	Minimum altitude (feet)	Condition	2-engine or less		More than 2-engine, more than 65 knots
					65 knots or less	More than 65 knots	

PROCEDURE CANCELLED EFFECTIVE 7 NOVEMBER 1957, DUE TO DECOMMISSIONING OF FACILITY.

City, Chicago; State, Ill.; Airport Name, O'Hare Int'l; Elev., 657'; Fac. Class, LOM; Ident., OR; Procedure No. 2, Amdt. 2; Eff. Date, 23 Apr. 57; Sup. Amdt. No. 1; Dated 27 Apr. 57

## 3. The instrument landing system procedures prescribed in § 609.400 are amended to read in part:

## ILS STANDARD INSTRUMENT APPROACH PROCEDURE

Bearings, headings, courses and radials are magnetic. Elevations and altitudes are in feet MSL. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles.

If an instrument approach procedure of the above type is conducted at the below named airport, it shall be in accordance with the following instrument approach procedure, unless an approach is conducted in accordance with a different procedure for such airport authorized by the Administrator of Civil Aeronautics. Initial approaches shall be made over specified routes. Minimum altitudes shall correspond with those established for en route operation in the particular area or as set forth below.

Transition				Ceiling and visibility minimums			
From—	To—	Course and distance	Minimum altitude (feet)	Condition	2-engine or less		More than 2-engine, more than 65 knots
					65 knots or less	More than 65 knots	

PROCEDURE CANCELLED EFFECTIVE 7 NOVEMBER 1957, DUE TO DECOMMISSIONING OF FACILITY.

City, Chicago; State, Ill.; Airport Name, O'Hare International; Elev., 657'; Fac. Class, ILS-IORD; Ident., LOM-OR; Procedure No. 1, Amdt. 4, Comb ILS-ADF; Eff. Date 27 Apr. 57; Sup. Amdt. No. 3; Dated, 7 Apr. 56

## RULES AND REGULATIONS

## ILS STANDARD INSTRUMENT APPROACH PROCEDURE—Continued

Transition				Ceiling and visibility minimums			
From—	To—	Course and distance	Minimum altitude (feet)	Condition	2-engine or less		More than 2-engine, more than 65 knots
					65 knots or less	More than 65 knots	
Radar transition to ILS NE crs to be conducted in accordance with established surveillance patterns for Runway 23R. Stadium RBN.....	4 mile Radar fix (Final).....	Direct.....	**1600	T-dn..... C-dn..... ILS..... ADF..... S-dn-23R-ILS..... A-dn ILS and ADF.....	300-1 400-1 700-1 400-1 800-2	300-1 500-1 700-1 400-1 800-2	200-½ 500-1½ 700-1½ 400-1 800-2

Procedure turn N side NE crs, 054 Outbnd, 234 Inbnd, 2500' within 10 miles of Stadium RBN.

No glide slope or markers.

\*Minimum altitude over Stadium RBN inbnd final, 2000' ADF. Descend to ADF minimums after passing Stadium RBN. Minimum altitude to 4 mile fix 2000' without Stadium RBN.

\*\*Descend to landing minimums after passing 4 mile fix, as determined by surveillance radar. Without radar fix, ADF minimums apply.

If visual contact not established upon descent to authorized landing minimums or if landing not accomplished within 4 mi after passing radar fix or 6.9 mi after RBN, climb to 2200' (or at higher altitude when requested by ATC) on SW crs ILS or 234° from Stadium RBN to LOM. No glide slope and no altitude information given on final approach between ABR 4 mi fix and airport unless requested.

NOTE: The following radar transition altitudes are applicable to all procedures; S, NW, and N quadrants of Cleveland LFR within 10 mi 2000', within 30 mi 3000' in SE quadrant within 30 mi 3000' in all quadrants in accordance with established radar patterns.

CAUTION: 1070' TV towers approximately 6 mi ESE of airport.

City, Cleveland; State, Ohio; Airport Name, Cleveland-Hopkins; Elev., 789'; Fac. Class, ILS; Ident., CLE; Procedure No. ILS-23R, Amdt. 5, Comb ILS-ADF; Eff. Date, 4 Jan. 58; Sup. Amdt. No. 4; Dated, 21 Sept. 57

LGB LFR.....	LOM.....	Direct.....	1,500	T-dn*.....	300-1	300-1	200-½
Huntington Beach FM.....	LOM (Final).....	Direct.....	1,400	C-dn.....	500-1	600-1	600-2
San Pedro Int.....	LOM.....	Direct.....	1,500	S-dn 30:.....			
LGB VOR.....	LOM.....	Direct.....	1,500	ILS.....	300-¾	300-¾	300-¾
Int SW crs El Toro LFR and SE crs LGB LFR.....	LOM (Final).....	Direct.....	1,400	ADF.....	500-1	500-1	500-1
Int SW crs EL Toro LFR and LGB R-120.....	LOM (Final).....	Direct.....	1,400	A-dn:..... ILS..... ADF.....	600-2 800-2	600-2 800-2	600-2 800-2

\*300-1 required for take-off runways 16, 16R, 25L, 34R.

†Straight-in landing minimums are 400-1 with glide slope inoperative.

Radar vectoring to final approach course authorized.

Procedure turn S side SE crs, 120 Outbnd, 300 Inbnd, 1500' within 10 mi of LOM. Beyond 10 mi NA.

Minimum altitude at glide slope int inbnd—1400' ILS. Minimum altitude inbnd final—1100' ADF.

Altitude of glide slope and distance to approach end of runway at OM 1320—4.7; at MM 245—0.7. If visual contact not established upon descent to authorized landing minimums or if landing not accomplished within 4.7 mi, after passing LOM (ADF) climb to 800' on NW crs LGB LFR; turn left to 200 continuing climb to intersect 160° crs from LAX Rbn and proceed to San Pedro Int at 2500', or when directed by ATC, climb to 800' on NW crs LGB-LFR, reverse crs to left and return to Long Beach LFR at 1600'.

NOTE: Glide slope unit now at beginning of usable portion runway 30. 800' SE end closed permanently.

CAUTION: Standard clearance over obstructions not provided for circling minimums; 500' hill with oil derricks one mi S of airport.

City, Long Beach; State, Calif.; Airport Name, Municipal; Elev., 50'; Fac. Class, ILS-LGB; Ident., LOM-LG; Procedure No. ILS-30, Amdt. 14, Comb ILS-ADF; Eff. Date, 4 Jan. 58; Sup. Amdt. No. 13; Dated, 16 Nov. 57

#### 4. The radar procedures prescribed in § 609.500 are amended to read in part:

##### RADAR STANDARD INSTRUMENT APPROACH PROCEDURE

Bearings, headings, courses and radials are magnetic. Elevations and altitudes are in feet, MSL. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles.

If a radar instrument approach is conducted at the below named airport, it shall be in accordance with the following instrument procedure, unless an approach is conducted in accordance with a different procedure for such airport authorized by the Administrator of Civil Aeronautics. Initial approaches shall be made over specified routes. Minimum altitude(s) shall correspond with those established for en route operation in the particular area or as set forth below. Positive identification must be established with the radar controller. From initial contact with radar to final authorized landing minimums, the instructions of the radar controller are mandatory except when (A) visual contact established on final approach at or before descent to the authorized landing minimums, or (B) at pilot's discretion if it appears desirable to discontinue the approach, except when the radar controller may direct otherwise prior to final approach, a missed approach shall be executed as provided below when (A) communication on final approach is lost for more than 5 seconds during a precision approach, or for more than 30 seconds during a surveillance approach; (B) directed by radar controller; (C) visual contact is not established upon descent to authorized landing minimums; or (D) if landing is not accomplished.

Transition				Ceiling and visibility minimums			
From—	To—	Course and distance	Minimum altitude (feet)	Condition	2-engine or less		More than 2-engine, more than 65 knots
					65 knots or less	More than 65 knots	
0..... 070.....	300..... 290.....	Within 25 mi..... Within 15 mi.....	3000 2200	Precision approach			
				S-dn 9.....	200-½	200-½	200-½
				A-dn 9.....	600-2	600-2	600-2
				Surveillance approach			
				T-dn.....	300-1	300-1	200-½
				C-dn*.....	400-1	500-1	500-½
				C-dn-15.....	500-1	500-1	500-½
				S-dn*.....	400-1	400-1	400-1
				S-dn-15.....	500-1	500-1	500-1
				A-dn.....	800-2	800-2	800-2

Radar terminal area transition altitudes—all bearings are from radar site with sector azimuths progressing clockwise.

\*Runways 27, 33, 3, 0.

If visual contact not established upon descent to authorized landing minimums or if landing not accomplished, 9 and 3, climb to 3000' and proceed to Conyers Int via E crs ILS or climb to 3000' on NE crs ATL LFR within 20 mi, 15, climb to 2200', turn right and proceed to ATL VOR or proceed on SE crs of ATL LFR within 20 mi, 27 and 33, climb to 3000' and proceed to Chattahoochee Int via W crs ILS, or turn left and proceed on SW crs of ATL LFR within 20 miles.

City, Atlanta; State, Ga.; Airport Name, Atlanta; Elev., 1024'; Fac. Class, Atlanta; Ident., Radar; Procedure No. 1, Amdt. 4; Eff. Date, 4 Jan. 58; Sup. Amdt. No. 3; Dated, 7 Dec. 57

These procedures shall become effective on the dates indicated on the procedures:

(Sec. 205, 52 Stat. 984, as amended; 49 U. S. C. 425. Interpret or apply sec. 601, 52 Stat. 1007, as amended; 49 U. S. C. 551)

[SEAL] JAMES T. PYLE,  
Administrator of Civil Aeronautics.

DECEMBER 3, 1957.

[F. R. Doc. 57-10113; Filed, Dec. 11, 1957;  
8:45 a. m.]

## PART 617—AIR TRAFFIC CONTROL RULES

### REVISION OF PART

The following revision of Part 617 is adopted in order to renumber the provisions and to combine the numerous amendments to the part in a single document. This revision incorporates all the amendments thereto to date.

Since this revision does not involve any substantive change, compliance with the notice, procedures, and, effective date provisions of section 4 of the Administrative Procedure Act is not required. Therefore, this revision shall become effective upon publication in the FEDERAL REGISTER.

#### Subpart A—General

- Sec. 617.1 Definitions of terms.
- 617.2 Basis and purpose.
- 617.3 Scope.
- 617.4 Air traffic control service.
- 617.5 Airport traffic control.
- 617.6 Allocation of responsibility.
- 617.7 Coordination between centers and towers.
- 617.8 Standard phraseologies.
- 617.9 Emergency rules.

#### Subpart B—Airport Traffic Control

- 617.21 General responsibility.
- CONTROL OF TRAFFIC ON AND IN VICINITY OF LANDING AREA

- 617.22 General.
- 617.23 Critical positions of aircraft in the traffic and taxi patterns.
- 617.24 Determination of proper runways to use for landings and takeoffs.
- 617.25 Control of taxiing aircraft.
- 617.26 Control of traffic in the traffic pattern.
- 617.27 Control of other than aircraft traffic on the landing area.
- 617.28 Authorizing use of landing area by pilots of arriving aircraft.

#### VISUAL SIGNALS

- 617.30 Portable traffic light.
- 617.31 Advantages and disadvantages of the portable traffic signal light.
- 617.32 Operation of portable traffic light.
- 617.33 Light signals to indicate restriction of visual flight rule operations in the control zone.
- 617.34 Light signals to indicate clockwise (to the right) flow of traffic.
- 617.35 Use of flag signals.
- 617.36 Special light signals.

#### RADIOTELEPHONE TECHNIQUE

- 617.40 Operation of radiotelephone facilities.
- 617.41 Calls and replies.

#### STANDARD TRAFFIC CLEARANCES AND PHRASEOLOGIES

- 617.45 Traffic clearances.
- 617.46 Standard phraseologies for traffic clearances.
- 617.47 Description of essential local traffic.

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- Etc.
- 617.48 Statement of figures in radiotelephone transmissions.
- 617.49 Procedures, words, and phrases.
- 617.50 Abbreviation for CAA air traffic control.
- 617.51 Identification of aircraft at night.
- 617.52 Radio control of aircraft not transmitter equipped.

#### LOCAL TRAFFIC INFORMATION

- 617.55 Essential local traffic.
- 617.56 Issuance.

#### INFORMATION ON FIELD CONDITIONS

- 617.57 Information on field conditions.

#### PREVENTIVE CONTROL

- 617.59 Preventive control.

#### SPECIAL VFR OPERATIONS WITHIN A CONTROL ZONE

- 617.60 Special VFR operations within a control zone.

#### OPERATING INSTRUCTIONS FOR AIRPORT TRAFFIC CONTROL TOWERS

- 617.63 General information.
- 617.68 Positions of operation.
- 617.67 Radio procedures.
- 617.63 Operation of interphone facilities.
- 617.69 Operation of field lighting system.
- 617.70 Altimeter settings.
- 617.71 Visual reporting zone.
- 617.72 Reporting information concerning aircraft in difficulty, aircraft accidents and known hazardous conditions of flight.

AUTHORITY: §§ 617.1 to 617.72 issued under sec. 205, 52 Stat. 984, as amended, 49 U. S. C. 425. Interpret or apply sec. 601, 52 Stat. 1007, as amended; 49 U. S. C. 551.

#### SUBPART A—GENERAL

§ 617.1 *Definitions of terms.* The terms used in this part shall have the following meaning:

*Administrator.* Administrator of Civil Aeronautics.

*Airport.* A defined area on land or water, including any buildings and installations, normally used for the take-off and landing of aircraft.

*Airport traffic.* Aircraft operating on and in the vicinity of an airport and other traffic operating on the movement area.

*Airport traffic control tower.* A facility to provide for supervision of airport air traffic.

*Air route traffic control area.* (See control area.)

*Air route traffic control center.* A facility established by competent authority to provide adequate supervision of air traffic within a specified control area.

*Air traffic.* Aircraft in operation anywhere in the air space and on that area of an airport normally used for the movement of aircraft.

*Air traffic clearance.* Authorization by air traffic control, for the purpose of preventing collision between known aircraft, for an aircraft to proceed under specified traffic conditions within a control zone or control area.

*Air traffic control.* A service established by competent authority to promote the safe, orderly, and expeditious flow of air traffic.

*Air traffic controller.* A person responsible for providing air traffic control service.

*Airway.* A path through the navigable air space designated by the Administra-

tor, suitable for interstate, overseas, or foreign air commerce.

*Alternate airport.* An airport specified in the flight plan to which a flight may proceed when a landing at the point of first intended landing becomes inadvisable.

*Approach control.* A service established to control IFR flights arriving at, departing from, and operating in the vicinity of airports, by means of direct and instantaneous communication between Approach Control personnel and all aircraft operating under their control.

*Approach sequence.* Two or more aircraft awaiting an approach clearance.

*Arrival.* An arriving aircraft.

*ATC.* Air Traffic Control.

*CAA.* Civil Aeronautics Administration.

*Center.* An air route traffic control center.

*Clearance.* An air traffic clearance.

*Clearance limit.* The point to which an aircraft is cleared.

*Competent authority.* A representative authorized to act for an agency.

*Control area.* An airspace of defined dimensions, designated by the Administrator, extending upwards from an altitude of 700 feet above the surface, within which air traffic control is exercised.

*Control zone.* An airspace of defined dimensions, designated by the Administrator, extending upwards from the surface, to include one or more airports, and within which rules additional to those governing flight in control areas apply for the protection of air traffic.

*Cruising altitude.* A constant altimeter indication, in relation to sea level, maintained during a flight or portion thereof.

*Departure.* A departing aircraft.

*Expected approach clearance time.* The time at which it is expected that an arrival will be cleared to commence its approach procedure preparatory to landing.

*Flight plan.* Specified information filed either verbally or in writing with air traffic control, relative to the intended flight of an aircraft.

*Holding point.* A specified location, identified by visual or other means, in the vicinity of which the position of an aircraft in flight is maintained in accordance with air traffic control instructions.

*ICAO.* International Civil Aviation Organization.

*IFR.* The symbol used to designate instrument flight rules.

*IFR conditions.* Weather conditions below the minimum prescribed for flights under VFR.

*Movement area.* The part of an airport reserved for the taking off, landing and maneuvering of aircraft.

*Reporting point.* A geographical location in relation to which the position of aircraft is reported.

*Rescue coordination center.* A center which initiates, coordinates, and terminates search and rescue within an assigned area.

*Rescue control center.* A unit subordinate to a safety center established to direct search and rescue activities.

**Safety center.** A coordinated activity consisting of an air route traffic control center and a rescue coordination center.

**Separation.** A specified longitudinal, vertical, or lateral separation between two or more aircraft in flight.

**Separation standards.** The minimum longitudinal, vertical, or lateral separation provided IFR traffic.

**State.** Any nation of the world. (International usage).

**Take-off clearance.** Authorization by an airport traffic control tower for an aircraft to take off.

**Tower.** An airport traffic control tower.

**VFR.** The symbol used to designate visual flight rules.

**VFR conditions.** Weather conditions equal to or above the minimum prescribed for flights under VFR.

**VFR traffic.** Aircraft operating solely in accordance with VFR.

§ 617.2 *Basis and purpose.* Section 26.26 of this title provides that a certificated air-traffic control-tower operator shall control traffic in accordance with rules prescribed by the Administrator to provide for the safe, orderly, and expeditious flow of air traffic. The purpose of this part is to prescribe such rules.

§ 617.3 *Scope.* The rules contained in this part shall be uniformly applied by all persons controlling air traffic under authority of an air-traffic control-tower operator's certificate issued by the Civil Aeronautics Administration.

§ 617.4 *Air traffic control service.* The primary objective of the air traffic control service shall be to promote the safe, orderly, and expeditious movement of air traffic. This shall include:

(a) Preventing collisions between aircraft and between aircraft and obstructions on the movement area.

(b) Expediting and maintaining an orderly flow of air traffic.

(c) Assisting the person in command of an aircraft by providing such advice and information as may be useful for the safe and efficient conduct of a flight.

(d) Notifying appropriate organizations regarding aircraft known to be or believed to be in need of search and rescue aid, and assisting such organizations as required.

§ 617.5 *Airport traffic control.* Airport traffic control is established to provide adequate supervision of all traffic on the movement area and aircraft flying in visual reference to the ground in the immediate vicinity of an airport. Airport traffic control may operate either within the boundaries of a control area or at locations not supervised by a center.

§ 617.6 *Allocation of responsibility.* (a) The only separation of air traffic not operating on an IFR flight plan in weather conditions equal to or better than the VFR minimums shall be that effected by a tower.

(b) The airport operator is responsible for the establishment of adequate traffic patterns.

§ 617.7 *Coordination between centers and towers.* Coordination between centers and towers shall be effected as follows:

(a) *Authority.* Towers shall observe such instructions as are issued by the appropriate center.

(b) *Towers.* The tower may authorize VFR flight in a control zone in weather conditions lower than the VFR minimums after coordination with the center.

(c) *Division of control.* (1) The center shall retain control of arriving aircraft until such aircraft have been cleared for approach and are in communication with the tower. Not more than one arrival shall be cleared for approach during IFR conditions.

(2) After coordination with the tower, a center may clear arrivals to visual holding points to hold until further advised.

(3) Towers shall keep centers promptly advised of pertinent data on IFR traffic such as:

(i) Arrival and departure times.

(ii) Available information relating to overdue or unreported aircraft.

§ 617.8 *Standard phraseologies.* Clearances shall be issued in accordance with the phraseologies of this section. It is expected that personnel receiving a clearance for transmission to an aircraft will transmit such clearance in the exact phraseology in which it is received. It is essential that each clearance contain positive and concise data, phrased in a standard manner.

(a) Each traffic clearance shall be prefixed with the phrase "ATC clears (Ident.);" whenever a clearance limit is contained in the clearance.

Example: "ATC clears eastern four to the Richmond Airport. Cruise six thousand."

(b) The phrase "ATC advises (Ident.);" shall be used whenever information such as expected approach time, undetermined delay, and essential traffic is issued.

§ 617.9 *Emergency rules.* Since the circumstances surrounding emergencies vary considerably, exact detailed rules cannot be adopted to apply uniformly in emergencies. Established emergency procedures should be followed whenever possible. Centers and towers shall maintain full and complete coordination, and personnel shall use their best judgment in handling emergency situations.

#### SUBPART B—AIRPORT TRAFFIC CONTROL

§ 617.21 *General responsibility—* (a) *Responsibility of airport traffic control towers.* (1) An airport traffic control tower is responsible for the issuance of clearances and information to pilots of aircraft for the purpose of preventing collision between:

(i) Aircraft operating on the ground at the landing area.

(ii) Aircraft and vehicles operating on the landing area.

(iii) Aircraft in the traffic pattern, and landing and taking off at the landing area.

(iv) Aircraft operating under instrument flight rules after control of such aircraft has been delegated to the tower by the appropriate air route traffic control center.

(2) An airport traffic control tower is also responsible for the issuance and relay of information and clearances which

will prevent unnecessary delays to aircraft using a landing area, and which will permit the proper use of the landing area by aircraft.

(b) *Responsibility of pilots.* (1) When flying in visual flight rule weather conditions it is considered the direct responsibility of the pilot to avoid collision with other aircraft. Under such conditions, the information and clearances issued by the control tower are intended to aid pilots to the fullest extent in avoiding collisions.

(2) When flying in instrument flight rules weather conditions it is obviously impossible for the pilot to assume the responsibility of avoiding collision with other aircraft except as directed by the ground control agency. Therefore, it is of the utmost importance that all clearances issued by a control tower to pilots of aircraft under its jurisdiction be adequate, concise, and definite inasmuch as the pilot has no other means of ascertaining the proximity of other aircraft.

#### CONTROL OF TRAFFIC ON AND IN VICINITY OF LANDING AREA

§ 617.22 *General.* Airport traffic controllers shall maintain a continuous watch on all visible flight operations in the control zone, including aircraft, vehicles, and personnel on the landing area, and shall control such traffic in accordance with the procedures set forth in this section and all applicable air traffic rules. If there are other landing areas within the zone, traffic at all landing areas within the zone shall be coordinated so as to eliminate any hazardous conflicts of traffic patterns.

§ 617.23 *Critical positions of aircraft in the traffic and taxi patterns.* The following positions of aircraft in the traffic and taxi patterns (illustrated in fig. 1) are the positions where the aircraft normally receives airport traffic control clearances. The aircraft should be watched closely as they approach these positions so that proper clearances may be issued without delay. Where practicable all such clearances should be issued without waiting for the pilot to initiate the call:

1. Pilot initiates call to taxi for departing flight. Runway-in-use information and taxi information given.

2. If there is conflicting traffic the departing aircraft will be held at this point. The pilot will normally run up motors here.

3. Take-off clearance is issued here, if not practicable at position 2.

4. Clearance to land or landing sequence number is issued here.

5. Clearance to taxi to hangar line or parking area is issued here.

6. Parking directions issued here if necessary.

§ 617.24 *Determination of proper runways to use for landings and take-offs.* (a) When surface wind velocity is six miles per hour or more, aircraft shall ordinarily be authorized to use the runway most nearly aligned into the wind, and the tetrahedron shall, if controllable, be set so as to indicate such runway. (See fig. 2 (b).)

(b) The tetrahedron, if controllable, will release automatically and swing into the wind when the velocity reaches a predetermined value. Ordinarily this will be between 10 and 15 miles per hour.



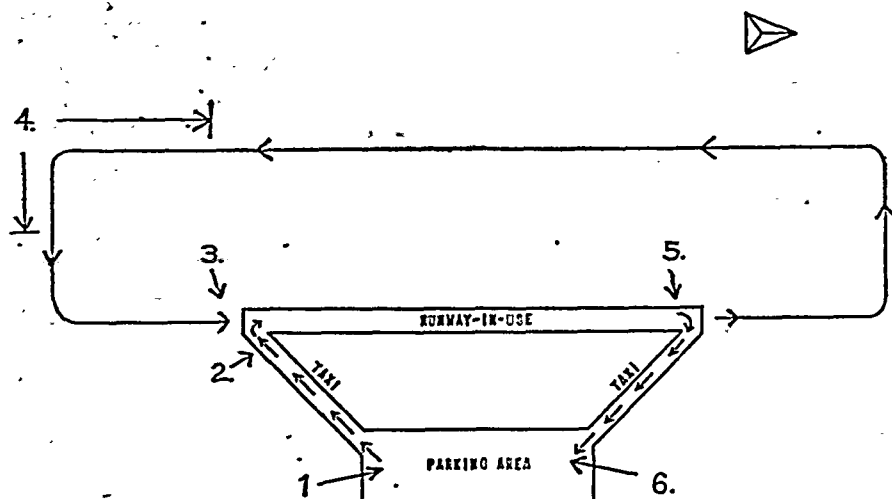
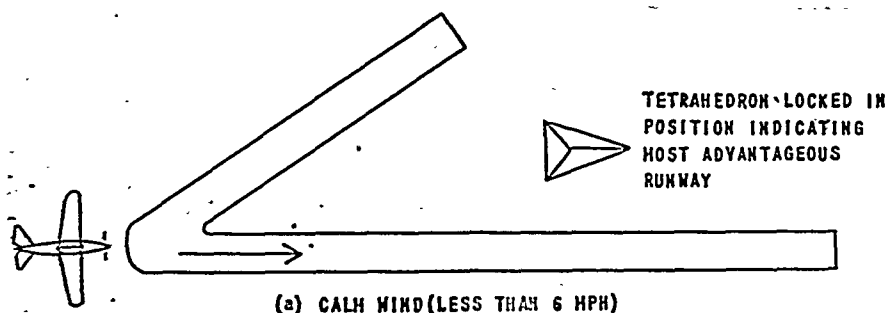
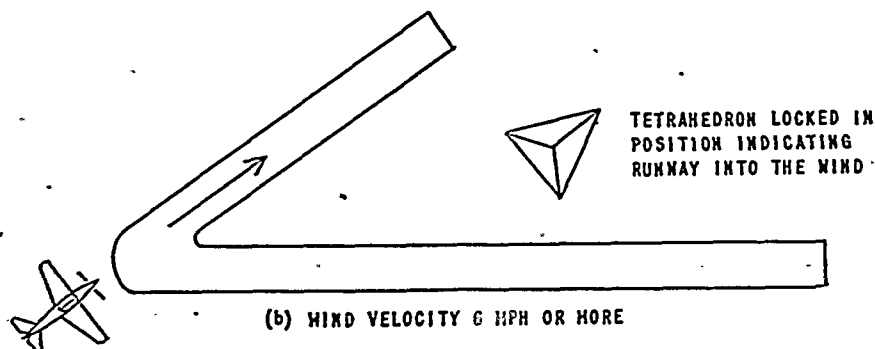


FIGURE 1. Critical positions of aircraft from an airport traffic control viewpoint.



(a) CALM WIND (LESS THAN 6 MPH)



(b) WIND VELOCITY 6 MPH OR MORE

FIGURE 2. Method of determining runway to use.

(c) When the surface wind velocity is less than 6 miles per hour, aircraft shall be authorized to use the runway which has been designated as the "calm wind" runway. The actual wind direction and velocity shall be stated since, under certain conditions, some types of aircraft are not approved for take-off or landing with a tail wind component. The "calm wind" runway shall normally be the runway having the most advantages such as greater length, shorter taxiing distance, better approach, etc. The tetrahedron shall be set so as to indicate such runway under these conditions. (See fig. 2 (a).)

(d) If the runway in use is not considered suitable for the operation involved, the controller may offer a choice of runway or the pilot may request clearance to use another runway.

§ 617.25 *Control of taxiing aircraft.* (a) The importance of issuing definite, concise directions to pilots of taxiing aircraft cannot be overemphasized. The visibility problem in an airplane is most acute when taxiing. Very few aircraft afford any forward vision for several yards directly in front of the airplane and the pilot must depend to a large degree upon the control tower to issue necessary information which will assist

him in determining the proper taxi route and preventing collision with other aircraft or objects.

(b) It is particularly difficult for the pilot to determine the best taxi route on a strange airport. Clearances and information to pilots concerning taxi routes should be simple and direct such as "Turn left at first intersection, taxi straight ahead to the end of the runway. Then turn right." etc. The pilot should also be warned of parked aircraft or other objects along or near his taxiing route.

(c) Aircraft should not be permitted to taxi on the runway if at all possible to provide other taxiing routes. The guiding principle in handling taxiing traffic is "keep the runway-in-use ready for use as much as possible."

(d) Aircraft shall not be permitted to hold on the end of the runway-in-use whenever another aircraft is effecting a landing. At those airports where there are no intersecting taxiways at the approach end of the runway, aircraft shall be held clear of the edge of the runway and at an angle of 90 degrees from the landing direction until cleared to take-off position. (See fig. 3.)

(e) The direction of taxiing aircraft and avoidance of collision within loading and parking areas is considered the primary responsibility of the aircraft operator and/or airport management, as well as the pilot.

(f) It shall not be the responsibility of towers to control areas not visible from the tower. Due to local obstructions, there are many airports where portions of usable runways, taxi strips and loading areas are not visible from the tower. At such locations it is expected that control tower personnel will take appropriate action to advise all concerned of those areas which are not visible from the tower. The airport management should be encouraged to place appropriate signs at such locations and publicize their existence by displaying suitable charts or diagrams in shops, hangars and operations offices.

(g) The use of radio frequencies for communication between the tower and aircraft shall be as follows:

(1) *Arriving aircraft.* After landing, the pilot shall be advised when to change to the appropriate ground control channel for receipt of taxi instructions from the tower. Normally, this change-over shall be accomplished after the aircraft has cleared the active runway or area.

(2) *Departing aircraft.* Prior to taxiing, aircraft shall communicate with the tower on the appropriate ground control frequency (121.9 or 121.7 mc), for taxi and clearance information and remain tuned to this frequency until ready for take-off. Take-off clearance, and further communication with the tower if necessary, shall be handled on the appropriate airborne frequency.

(3) When aircraft and tower are not both equipped with the VHF ground control frequency, the appropriate tower low frequency (or military VHF channel), shall be used for communications between the tower and aircraft on the ground.

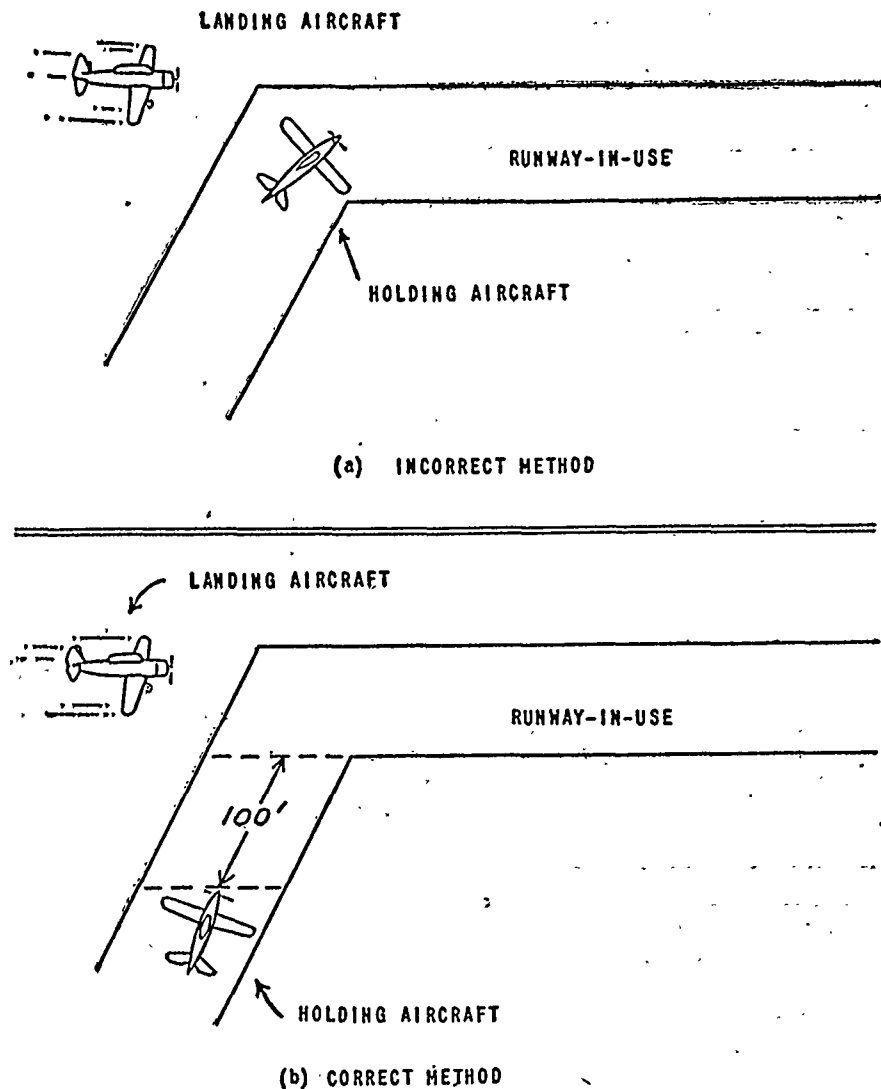


FIGURE 3. Method of holding aircraft.

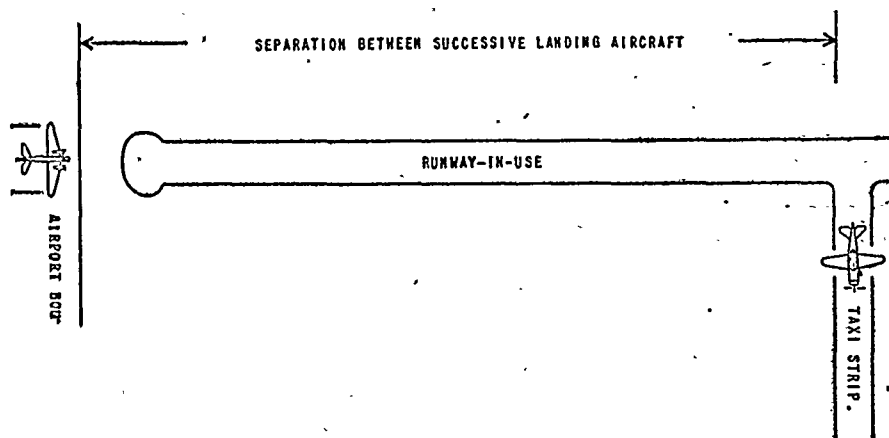


FIGURE 4. Separation between successive landing aircraft.

§ 617.26 *Control of traffic in the traffic pattern.* (a) Aircraft in the traffic pattern shall be controlled to provide the separation minimums outlined below except that:

(1) Formation commanders are responsible for separation between aircraft in the formation while operating within

the traffic pattern and on the landing area.

(2) Aircraft operating in different areas or lanes on airports equipped with runway or mat facilities suitable for simultaneous landings or take-offs are exempted from the separation minimums.

(3) Separation minimums shall not

apply to aircraft operating under military necessity as determined by competent authority.

(b) Sufficient separation shall be effected between arriving aircraft to insure that the succeeding landing aircraft on the same runway will not cross the airport boundary in its final glide until the preceding aircraft has cleared the runway-in-use. (See fig. 4.)

(c) Sufficient separation shall be effected between departing aircraft to insure that an aircraft will not commence take-off until the preceding departing aircraft has crossed the end of the runway-in-use or has started a turn.

(d) Sufficient separation shall be effected between arriving and departing aircraft to insure:

(1) That a landing aircraft will not cross the airport boundary in its final glide until the preceding departing aircraft has crossed the far end of the runway-in-use.

(2) That an aircraft taking off will not commence take-off until the preceding landing aircraft has cleared the runway-in-use.

(e) During periods of congestion whenever traffic can be safely and efficiently controlled thereby, control may be exercised to effect the following minimum separation between arriving and/or departing light-weight single-engine aircraft of similar operating characteristics.

(1) Landing: Sufficient separation shall be effected between arriving aircraft to insure that succeeding landing aircraft on the same runway will not cross the airport boundary until the preceding landing aircraft has landed and is clear of the runway, or if the preceding landing aircraft is making a touch and go landing, is airborne on taking off (as defined in subparagraph (3) (i) of this paragraph).

(2) Take-off: Sufficient separation shall be effected between departing aircraft to insure that an aircraft will not commence take-off until the preceding departing aircraft is airborne (as defined in subparagraph (3) (i) of this paragraph).

(3) Landings and take-offs:

(i) That a landing aircraft will not cross the airport boundary until the preceding aircraft taking off is definitely airborne, i. e., has traversed at least the first 3,000 feet of the runway. The determining factor in each case should be whether the following aircraft has sufficient area available to land or take off safely in the event the preceding aircraft, through unforeseen circumstances, blocks a portion of the useable runway.

(ii) An aircraft taking off will not commence take-off until the preceding landing aircraft has cleared the runway-in-use.

(f) Sufficient separation should be effected between aircraft in flight in the traffic pattern to allow the spacing of arriving and departing aircraft as outlined in the foregoing.

NOTE: At many airports the location of the control tower will not permit accurate determination of separation between the paths of successive aircraft in the pattern, landing or taxiing on the same runway or taxiway.

particularly when the movement of these aircraft is at an angle to the controller's line of vision. Extreme caution, therefore, should be exercised in the issuance of specific control instructions which are used to prevent collision. For example, when a succeeding aircraft is overtaking the aircraft ahead a specific control instruction might turn the preceding aircraft into the path of the other.

(g) Nothing contained in this section is to be construed as relieving a pilot of the responsibilities imposed upon him by Chapter I, Subchapter A of this title or any other regulations, nor is it to be construed that the airport traffic controller on duty is obligated to effect control in accordance with paragraph (e) of this section when, in his opinion, these procedures might constitute a hazard.

(h) Normally, traffic shall be controlled in accordance with established patterns unless unusual circumstances dictate otherwise. However, when deviations from the normal pattern are required, due consideration shall be given to local regulations, prohibited areas and local noise abatement programs when authorizing such deviations.

§ 617.27 *Control of other than aircraft traffic on the landing area.* (a) The movement of personnel or vehicles on the landing area proper shall not be permitted unless permission has been granted for such movement by the airport traffic controller on duty in the control tower. Such authorized personnel, including drivers of all vehicles, shall be required to stop and wait for radio clearance or light signal from the control tower before crossing any runway or taxi strip unless on a portion of the landing area marked off by lights, flags, or other conventional warning signals. In radio conversation to pilots, the airport traffic controller shall identify personnel or vehicles on the landing area as distinctly as possible.

(b) The maintenance of any landing area requires considerable use of vehicular traffic, such as snow plows, tractors, mowers, maintenance trucks, official cars for inspections, and miscellaneous other equipment in addition to the working parties and other personnel required for maintenance. Considerable care and judgment must be exercised in the dispatch of personnel or vehicles on any portion of the landing area since a collision with a fast-moving aircraft would be disastrous. At certain points during the take-off and landing of aircraft, a change of direction to avoid an obstacle will almost certainly result in ground-looping or overturning the aircraft with probable serious results. Another difficulty connected with the dispatch of personnel and vehicular traffic on the landing area is that the operators of the equipment and the personnel on foot are not always aware of the difficulties and limitations of handling heavily loaded aircraft and may fail to surrender sufficient right of way for safe operation.

(c) In a few cases airport managers require all vehicular traffic to be equipped with radio receivers so that they may receive control tower signals, but in the majority of instances all pedestrian and vehicular traffic are controlled by light signals.

(d) Where continuous vehicular movement is involved over limited portions of the landing area, such as mowing the grass, the mowing is usually accomplished in a portion of the field not being used for landing operations with the particular wind condition at that time. The mowing equipment is marked with appropriate flags or lights, and the mower may not cross the taxi strips or runways without receiving the proper light signal.

(e) When construction work is in progress, the normal procedure is to close the entire construction area to aircraft operations and permit pedestrian and vehicular traffic to move at will within the marked-off area. Construction areas are usually marked off with appropriate flags in the daytime and appropriate lights at night.

§ 617.28 *Authorizing use of landing area by pilots of arriving aircraft.* (a) If a pilot enters a control zone without proper authorization, he shall be permitted to land if his actions indicate he so desires. If circumstances warrant, an airport traffic controller may ask pilots of aircraft with whom he is in contact to give way so as to remove as soon as possible the hazard introduced by such unauthorized operation. In no case shall permission to land be withheld indefinitely.

(b) In cases of emergency, such as loss of radio communication, a pilot may be required, in the interests of safety, to enter a control zone and effect a landing without proper authorization. Airport traffic controllers should recognize the possibilities of emergency action and render all assistance possible. The entire concept of air traffic control is service to the flying public. While it is true that in some isolated instances a pilot might deliberately disregard regulations and enter a control zone in an unauthorized manner while not under stress of an emergency, the airport traffic controller should assist the pilot and take steps toward possible disciplinary action after the pilot has landed. Under no circum-

stances should discussions which have no relation to traffic control be carried on over the radio.

#### VISUAL SIGNALS

§ 617.30 *Portable traffic light.* The portable traffic control light is a directive light which emits an intense, narrow beam of light. The color of the light (white, green or red) is controlled by the operator through a system of levers and triggers in the two handles. Signals are readily discernible to the pilot of any aircraft visible to the operator.

§ 617.31 *Advantages and disadvantages of the portable traffic signal light.* (a) The controller should be thoroughly familiar with the limitations of the traffic control light, and evaluate its capabilities in connection with its use.

(b) The portable traffic light has the following advantages:

(1) No radio equipment is required in the aircraft and therefore all aircraft can be controlled whether or not they possess radio.

(2) The traffic light provides an emergency method of control in the event of radio failure—either in the tower or the aircraft.

(c) The disadvantages are:

(1) The pilot may not be looking at the control tower at the time a signal is directed toward him.

(2) The information transmitted by a light signal is limited. One may only transmit an approval or disapproval of the pilot's anticipated actions to him. No explanatory or supplementary information can be transmitted.

§ 617.32 *Operation of portable traffic light.* (a) The portable traffic light shall be used to control the movement of personnel and vehicles on the landing area and the landings and take-offs of any aircraft not equipped with radio unless such movements or landings and take-offs have been prearranged with the traffic controller.

(b) Signals from a portable traffic light shall mean the following:

Color and type of signal	On the ground	In flight
Steady green.....	Cleared for take-off.....	Cleared to land.
Flashing green.....	Cleared to taxi.....	Return for landing.
Steady red.....	Stop.....	Give way to other aircraft and continue circling.
Flashing red.....	Taxi clear of landing area in use.....	Airport unsafe—do not land.
Flashing white.....	Return to starting point on airport.	
Alternating red and green.....	General warning signal—exercise extreme caution (see figs. 5 and 6).	

**NOTE:** A pilot wishing to attract the attention of the airport traffic controller during the hours of darkness may turn on a landing light and taxi the aircraft in a position so that the light is visible to the airport traffic controller. The landing light should remain on until appropriate signals are received from the tower, after which acknowledgment may be expected from the pilot as provided for in non-radio equipped aircraft. Pilots of aircraft not equipped with landing lights may blink their navigation lights to attract the attention of the tower.

(1) *General warning signal.* A series of alternating red and green flashes from a directed traffic control light shall be used as a general warning signal to advise a pilot or driver of a vehicle on the landing area to be on the alert for

hazardous or unusual conditions. As an example, the warning signal may be directed to a pilot in flight to indicate a change of runway since this can prove hazardous if the pilot attempts to land cross traffic or cross wind.

(i) In controlling airport traffic by means of visual signals, the general warning signal shall be directed to pilots of the aircraft concerned as follows:

(a) When aircraft are converging and there is a possibility of collision.

(b) When hazardous conditions are present and the pilot must be unusually alert in order to complete the operation safely. Such conditions include obstructions, soft field, ice on runway, and many others.

## RULES AND REGULATIONS

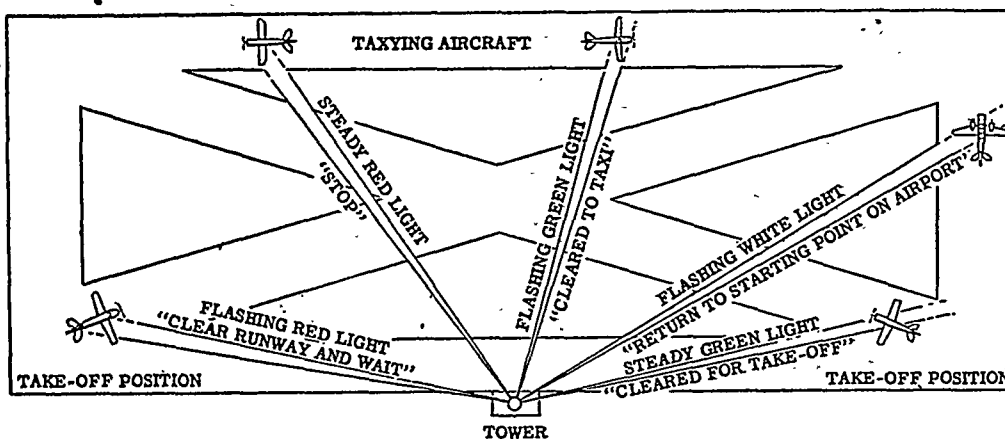
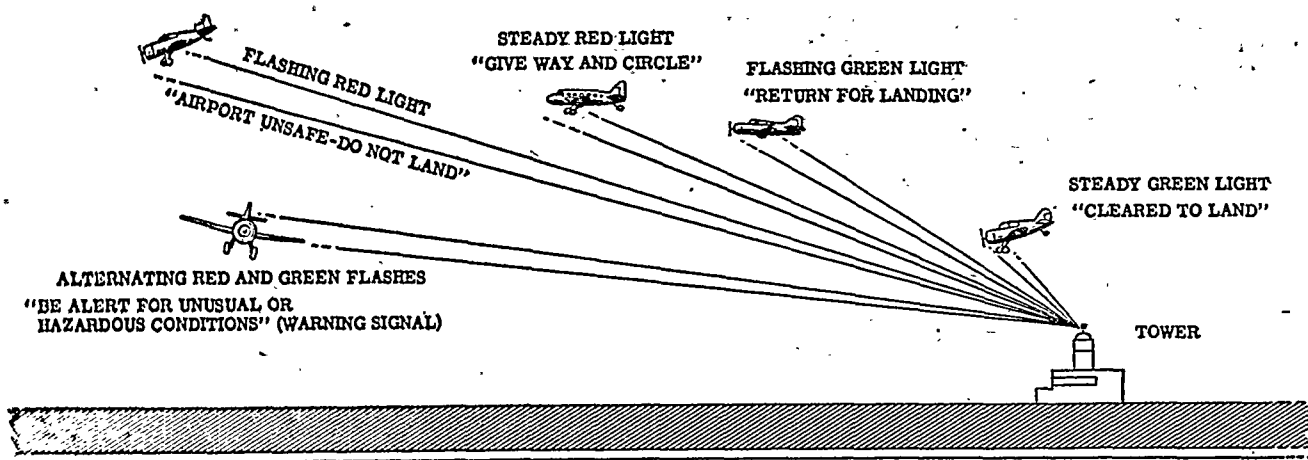


FIGURE 5. Visual signals.

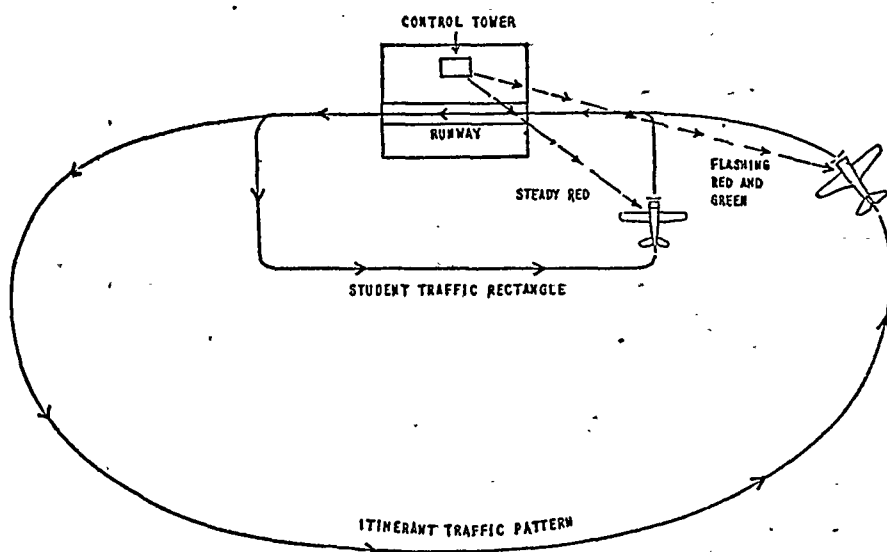


FIGURE 6. Example of the use of general warning light when two airplanes are on converging courses.

(c) When mechanical trouble is apparent to the controller and he has reason to believe that the pilot may not be aware of it.

(d) At any other time when believed necessary in the opinion of the controller. (See fig. 6.)

(ii) Attention is directed to the fact that the warning signal is not a prohibitive signal and may be followed by either

a red or green light as circumstances warrant.

§ 617.33 *Light signals to indicate restriction of visual flight rule operations in the control zone.* (a) During the hours of daylight, the rotating airport beacon shall be operated to mean that the ground visibility in the control zone is less than 3 miles and/or the ceiling is less than 1,000 feet and that a traffic

clearance is required for landings, take-offs, and flight in the traffic pattern. (See fig. 7.)

(b) Between sunset and sunrise, flashing lights outlining the traffic direction indicator, if provided, shall be operated to mean that ground visibility in the control zone is less than 3 miles and/or the ceiling is less than 1,000 feet and that a traffic clearance is required for landings, takeoffs, and flight in the traffic pattern.

§ 617.34 *Light signals to indicate clockwise (to the right) flow of traffic.* (a) A flashing amber light shall be operated to mean that a clockwise flow of traffic around the airport is required unless otherwise authorized by the control tower. (See fig. 7.)

§ 617.35 *Use of flag signals.* (a) Flag signals are used by the military and naval services for special signals which usually apply only to the local activities at a particular landing area. Since these signals are not standard and usually have a special meaning at a particular location, it is not expected that an itinerant pilot will know their meaning or be guided by them. Accordingly, flag signals may be used for special local activities (such as primary or secondary training flights) as directed by the local commanding officer, but should not be used to govern flight of other than local aircraft unless it is known that the itinerant pilot is familiar with the flag signals and their meaning.

§ 617.36 *Special light signals.* (a) Some military and naval establishments have special light signals, such as "course lights," which indicate landing direction, runway-in-use, traffic pattern to use, and other similar information for local activities. These lights are to be used as directed by competent authority, but as in the case of flag signals are to be confined to direction of pilots known to be familiar with the meaning of the special light signals.

#### RADIOTELEPHONE TECHNIQUE

§ 617.40 *Operation of radiotelephone facilities.* The operation of the radiotelephone facilities of an airport traffic control tower shall be accomplished in accordance with the rules outlined herein.

§ 617.41 *Calls and replies.* (a) Airport traffic control towers shall be identified during radiotelephone communication as follows:

(1) Air Force and civil towers—by the name of the airport followed by the word "Tower." Examples:

"Bolling Tower."  
"Washington Tower."  
"Norfolk Tower."

(2) Navy towers—by the name of the service followed by the name of the airport and the word "Tower." Examples:

"Navy Norfolk Tower."  
"Navy Patuxent Tower."

(b) Airway communications stations shall be identified during radiotelephone communication in the following manner:

(1) CAA air traffic communications stations—by the name of the location followed by the word "Radio." Examples:

"Washington Radio."  
"Norfolk Radio."

(2) Air Force communications stations associated with radio range facilities—by the name of the airport followed by the word "Airways." Examples:

"Andrews Airways."  
"Mitchel Airways."

(3) Navy communications stations associated with radio range facilities—by the name of the facility followed by the word "Radio."

Examples:

"Navy Norfolk Radio."  
"Navy Jacksonville Radio."

(c) Aircraft call signs—Aircraft shall be identified during radiotelephone communication as follows:

(1) Military aircraft—by the name of the service or unit name followed by the complete service serial number or trip number. Examples:

"Air Force seven eight two nine four."  
"Air Evac One fifty nine."  
"Navy four three six one."  
"National Guard two one six one."  
"Army two four six eight."

(2) Civil itinerant aircraft—by the aircraft make or type name, if known, followed by the complete certificate number, or the numbers known. Examples:

"Waco two one six eight five."  
"Stinson three seven two Y."

(3) Aircraft of foreign registry—by the aircraft radio call letters, by the reg-

istration number, by a combination of company name and radio call or by a combination of company name and trip number, as specified in flight plan. Examples:

"FHALT ----- Radio Call."  
"CFACB ----- Registration."  
"SPEED BIRD Company Name and  
GABCD. Radio Call."  
"SPEED BIRD Company Name and  
14. Trip Number."

(4) After radio contact has been established, the aircraft radio identification may be reduced to not less than two digits or letters provided there is no possibility of error. Examples:

"Air Force two nine four."  
"Waco six eight."

Note: Until the aircraft make is determined, the whole certificate number of registration should be used.

(5) Scheduled air carrier—by the abbreviated name of the operating company followed by the trip number spoken as a group. Examples:

"United fifteen."  
"American six."  
"Eastern twenty-two."  
"TWA four thirty-six."

(d) Personnel shall be on the alert for potential conflict or partial duplica-

tion of call signs and shall take action to avoid confusion. For example, if TWA 55 and UAL 55 are both in contact with the same facility, the air carrier name should be emphasized. Both pilots shall be advised of the possible conflict so that they will be alerted against questioning or accepting clearances issued to the other.

(e) The name of the pilot should not ordinarily be utilized in routine two-way radio communications.

(f) The call-up procedure to be utilized in airport traffic control radiotelephone communications shall consist of the following:

Item	Example
(1) Designation of the station called.	Waco one eight one four.
(2) This is-----	This is.
(3) Designation of the calling station.	Cleveland Tower.
(4) Invitation to reply--	Over.

(g) The reply to an initial call-up shall consist of:

Item	Example
(1) Designation to the station called.	Cleveland Tower.
(2) This is-----	This is.
(3) Designation of the answering station.	Waco one eight one four.
(4) Invitation to reply--	Over.

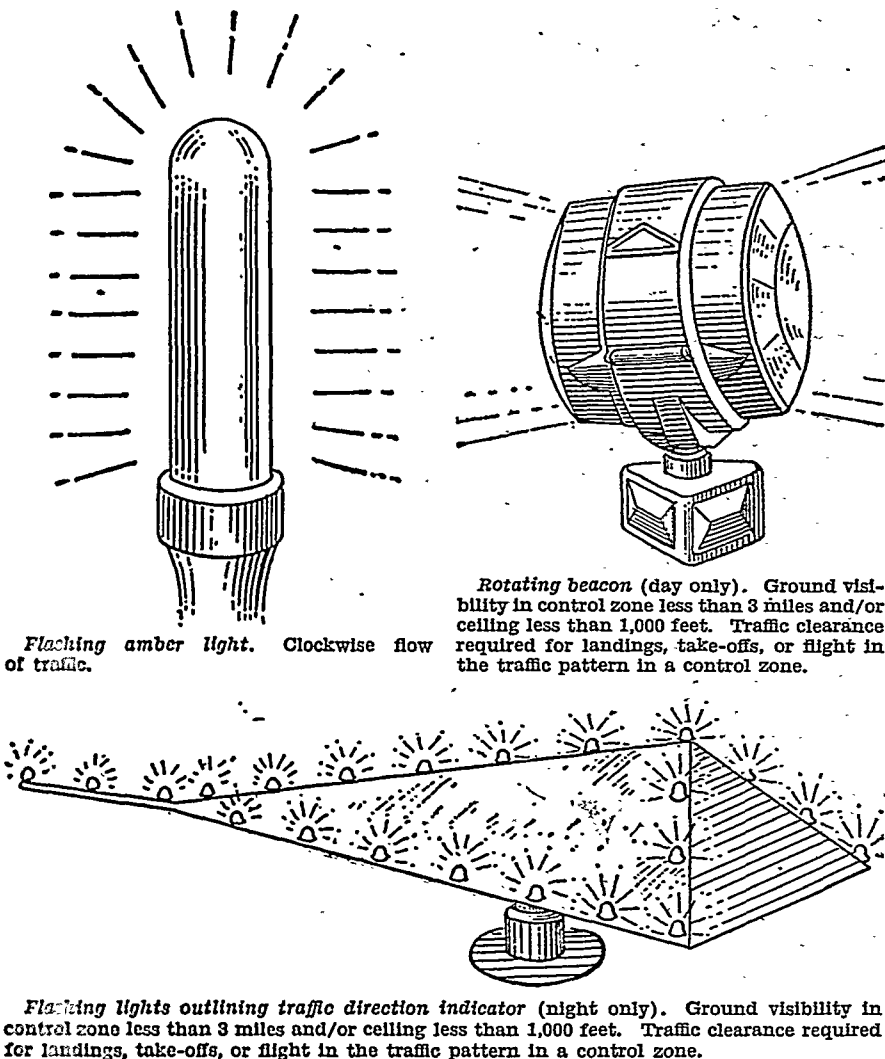


FIGURE 7. Light signals used in airport traffic control.

(h) Radiotelephone contacts—Each radiotelephone contact generally comprises four parts as follows:

- (1) Call up;
- (2) Reply or invitation to go ahead;
- (3) Message or information to be conveyed;
- (4) Acknowledgment.

NOTE: The word "out" will not normally be used by tower controllers.

(i) Communication shall be initiated by call up and reply when:

- (1) Communication has not been established;
- (2) Previous contact has been terminated.

(j) The call up—The normal call up comprises the call sign of the aircraft or facility to be called, the words "This Is," the call sign of the caller, and the word "Over." Examples:

"Anchorage tower this is Northwest four thirty-six, over."

"Willow Run tower this is Lake Central fifty-five, over."

(k) The reply—The normal reply comprises the call sign of the aircraft or facility making the call, the words "This Is," the call sign of the answering aircraft or facility, and the word "Over." Examples:

"Air Force five five six six seven, this is Baltimore tower, over."

"Navy one one two three, this is Midway approach control, over."

(l) Abbreviated contact procedure—When no confusion or misidentification will occur, abbreviated contact procedures may be used in accordance with the following:

(1) The words "This Is" may be omitted from call up and replies.

(2) The word "Over" may be omitted when the message is a question or a request for information, or otherwise implies that a reply is desired.

(3) When a message is short, or when it is believed that the call up will be received without difficulty, the message may be transmitted following the call up without waiting for a reply.

NOTE: The call up includes the call sign of the aircraft being called and the call sign of the caller.

(4) After contact has been definitely established, it may be continued without further call up or identification except that the instructions intended for a specific aircraft shall be preceded by the call sign of that aircraft.

#### STANDARD TRAFFIC CLEARANCES AND PHRASEOLOGIES

§ 617.45 *Traffic clearances.* (a) General: An airport traffic controller shall issue such traffic clearances and other information as are necessary for the prevention of collisions between aircraft under his jurisdiction.

(b) A clearance issued by an airport traffic control tower is authority for a pilot to proceed only insofar as known air traffic conditions and field conditions are concerned and does not constitute authority for a pilot to violate any Military or Civil Air Regulations. The relay of information or advice to pilots from the airport management or a command-

ing officer is permitted. When such relay of advice is undertaken by controllers, the pilot shall be informed of the source of the message. However, denial of clearance for take-off shall be based only on considerations of traffic. No violations of § 60.19 of the Civil Air Regulations shall be reported unless a take-off is made contrary to a controller's clearance based solely on traffic conditions.

(1) Clearances issued by airport traffic controllers are predicated upon known traffic and field conditions which affect safety in aircraft operations. Such traffic conditions will include not only aircraft in the air within the control zone and on the landing area over which control is being exercised, but also any vehicular traffic or other obstructions not permanently installed on the landing area in use.

(2) Should a clearance issued by the airport traffic controller not be acceptable to the pilot, he may request and, if practicable, receive an alternate clearance.

§ 617.46 *Standard phraseologies for traffic clearances.* (a) In order to reduce the transmission time for each tower message, and to decrease misunderstandings, phraseologies have been standardized for use in airport traffic control. However, unusual situations will occur and the controller will have to exercise his best judgment in the use of additional phraseologies. In such cases he should use supplementary rather than substitute phrases.

(1) The standard phraseologies and clearances are listed in accordance with the purpose phrased by them, such as "clearance to enter traffic pattern," "clearance to land," "clearance to taxi," and other similar authorizations.

NOTE: Words capitalized shall be read as written, accompanied by values required by words in parentheses.

(b) Clearance to enter traffic pattern: (1) Clearance governing flight from a visual reporting point, holding point or fix, or other outlying point to the traffic pattern at the landing area shall be in the following form:

- (i) (Flight identification.)
- (ii) "This is (name of tower) tower."
- (iii) (Reporting point.)
- (iv) (Time—minutes only.)
- (v) At (altitude in thousands and hundreds of feet).
- (vi) "Cleared to enter traffic pattern."
- (vii) "At (specified altitude) (if necessary)."
- (viii) "Runway (number of runway in use)."
- (ix) "Wind (direction and velocity)."
- (x) (Any special information.)

Example: "Air Force seven eight three four this is Nashville Tower, Lebanon four six at two thousand, cleared to enter traffic pattern, runway two seven, wind west eight."

NOTE: When parallel runways are available, the runway in use shall be designated in the following manner.

Examples:  
"Runway two three, left."  
"Runway one eight, center."

(2) A normal clearance to enter the traffic pattern shall be issued to a pilot whenever the controller desires that the aircraft approach the landing area in ac-

cordance with current traffic patterns. If a normal clearance to enter traffic pattern is not appropriate for the existing traffic conditions, it may be omitted, and an alternate clearance such as "cleared to land," or "continue approach," or "report over (specified point or distance from the airport)," or "(right) or (left) turn to runway (number)" may be used at the discretion of the controller.

(3) The clearance to enter traffic pattern should not be confused with the clearance to land since the former is issued when the aircraft is some distance from the field and traffic conditions will not permit the issuance of a landing clearance.

(4) When it is desired to clear an aircraft to enter a traffic pattern which is not a conventional left-turn pattern, or where more than one pattern exists, the phraseology may be modified to include the designation of the pattern desired. An example for clearance into a right-turn pattern:

"Cleared to enter right traffic pattern."

(c) Clearance to land: (1) A clearance to land shall be in the following form:

- (i) "(Flight identification.)"
- (ii) "This is (name of tower) tower."
- (iii) "(Position)."
- (iv) "At (altitude)."
- (v) "Cleared to land."
- (vi) "Runway (number of runway in use)."
- (vii) "Wind (direction and velocity)."
- (viii) (Any special information.)

NOTE: Item (i) may usually be omitted whenever the aircraft is under direct observation of the airport traffic controller. Items (iii) and (iv) may be omitted if the aircraft is in a well-defined traffic pattern. Items (vi) and (vii) may be omitted if previously given and no revision is necessary.

Example: "Navy seven eight four three cleared to land."

(2) Another example would be when a pilot reports in the control zone as follows:

"Tulsa Tower this is Stinson one two three four, two miles south at eight hundred."

The tower would respond:

"Stinson one two three four this is Tulsa Tower, two miles south at eight hundred. Cleared to land, runway three, wind south, four."

since no previous information concerning traffic direction and runway had been transmitted to this pilot.

(d) Clearance to Taxi:

(1) Taxi Clearance Limit: A taxi clearance limit is a runway, a runway intersection, a taxi strip, a ramp, or other point to which a taxiing aircraft may be cleared. Normally, the taxi clearance limit specified will permit an aircraft to proceed to a specific point without delay or without causing conflict to other traffic under tower jurisdiction. If a potential conflict exists, aircraft shall be held at, or cleared to, a taxi clearance limit short of the area in which the potential conflict exists to await further taxi clearance.

(2) Clearance to taxi shall be in the following form:

- (i) Inbound Aircraft:
  - (a) Identification.
  - (b) "Cleared to" (Clearance Limit).



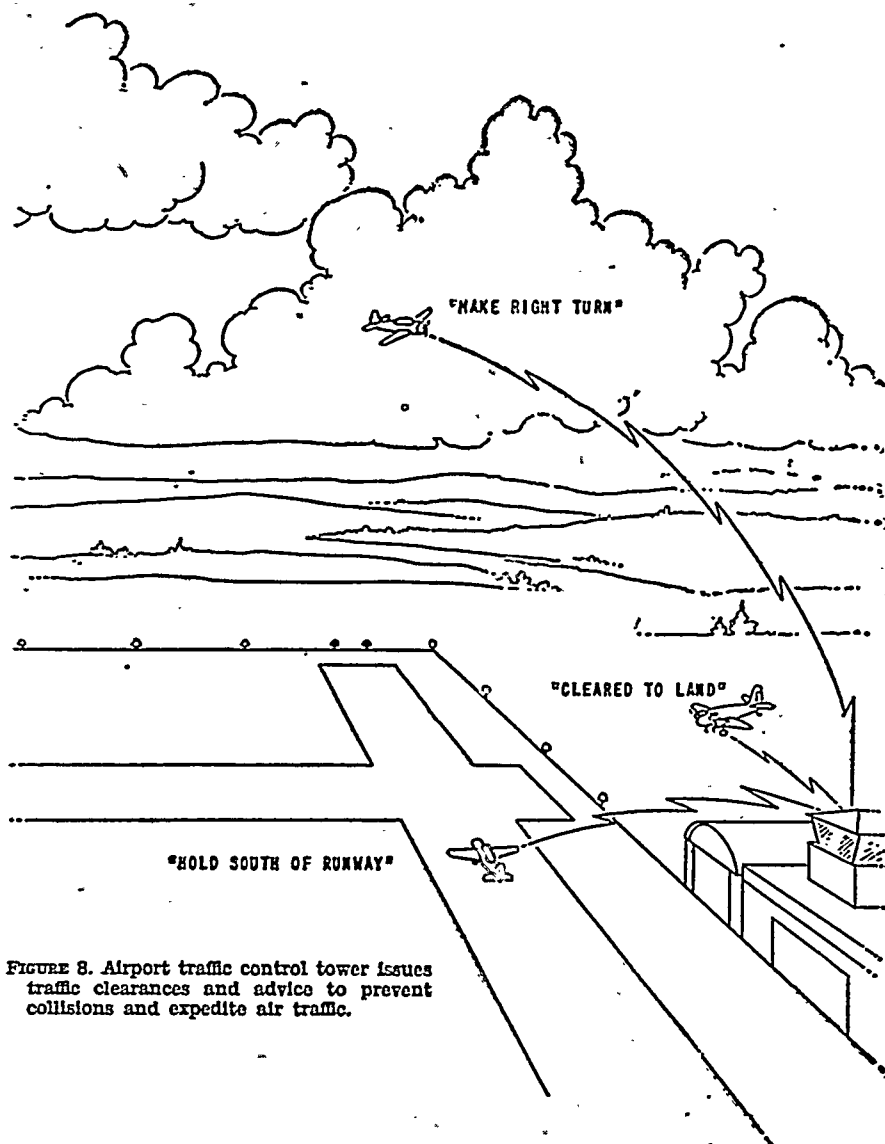


FIGURE 8. Airport traffic control tower issues traffic clearances and advice to prevent collisions and expedite air traffic.

(c) Any special information relative to the use of taxi strips, intersecting runways, obstructions, maintenance operations, or other field activity or condition.

(d) Essential ground traffic as specified in § 617.55 (c).

Example:  
"United seven cleared to the ramp, taxi west on center strip, mowing equipment to the right of the center strip."

(ii) Outbound Aircraft:

(a) Identification.

(b) "Cleared to" (Clearance Limit).

NOTE: If a clearance limit is to a point short of the take-off runway, the runway to be used shall be specified preceding the phrase "Cleared to" as shown in the example below.

(c) Wind (direction and velocity).

(d) Altimeter and Time. These items may be omitted if an aircraft operator has stated in writing to the chief controller that this service is not desired.

(e) Any special information relative to use of taxi strips, intersecting run-

ways, obstructions, maintenance operations, or other field activity or condition.

(f) Essential ground traffic information as specified in § 617.55 (c).

Example: Initial Taxi Clearance.

"Air Force four one five two seven runway two two left, cleared to intersection runway nine left and runway one eight. Wind southwest one five, altimeter two nine nine five, time one six five six. Taxi north on east ramp, east on runway nine left, hold short of the intersection."

Example: Subsequent Taxi Clearance.

"Air Force five two seven cleared to runway two two left, taxi east on runway nine left."

Example:

"Navy nine five one two cleared to runway four left, wind northeast one five, altimeter two nine nine five, time zero eight three zero. Taxi south on the ramp. Aircraft parked along the left edge of the ramp."

(iii) Clearance to taxi from one point to another on the landing area:

(a) Identification.

(b) "Cleared to" (Clearance Limit).

(c) Any special information.

(d) Essential ground traffic information as specified in § 617.55 (c).

Example: Initial Taxi Clearance.

"Beechcraft three five two K Cleared to intersection of runway four left and runway three six. Taxi east on center strip. Hold short of the intersection."

Example: Subsequent Taxi Clearance.

"Beechcraft three five two K Cleared to hangar. Taxi east on center strip."

Example:

"TWA thirty four cleared to hangar four."

(e) Clearance for take-off. Clearance for take-off shall be in the following form:

(1) Identification.

(2) Any special information.

(3) "Cleared for take-off."

Example:

"Air Force six seven three four, cleared for take-off."

(i) When a flight plan has been filed specifying IFR flight from the point of departure, the take-off clearance described above shall not be issued until IFR clearance has been transmitted to and acknowledged by the pilot concerned.

(ii) The take-off clearance, as the name implies, is issued after the pilot has taxied to the end of the runway in use, tested his engines, and is ready for take-off. The pilot has previously received information on the runway in use, wind direction and velocity, the altimeter setting, time check, and the appropriate air route traffic control clearance. He is now interested in obtaining authorization to commence his take-off, and he needs information on such local traffic as may affect his flight or which he may approach while in flight within the control zone.

(iii) Immediately after take-off, many pilots want their time off the ground. When this is requested, it may be given separately in the following form, or combined with a clearance to leave tower frequency:

(a) "(Flight identification.)"

(b) "Off at (time—minutes only)."

Example:

"American six off at three one."

(f) Clearance to change frequency: Normally the pilot of a departing aircraft will guard the control tower frequency until outside the control zone, at which time he may leave the tower frequency without further contact. If, however, a pilot requests approval to leave the tower frequency before he is out of the zone, or if an airport traffic controller desires to authorize a pilot to leave the tower frequency before he is out of the zone, a clearance to leave the tower frequency shall be transmitted in the following form:

(1) "(Flight identification.)"

(2) "This is (name of tower) tower." (May usually be omitted whenever the aircraft is under direct observation of the airport traffic controller.)

(3) "(Any supplemental information)."

(4) "Cleared to leave tower frequency."

Example: "Eastern five this is Washington Tower, American Convair reported over Mt.

Vernon four six at two thousand, cleared to leave tower frequency."

(g) Special clearances:

(1) Clearance to engage in other than routine operations in the control zone shall be in the following form:

(i) "(Flight identification)."

(ii) "This is (name of tower) tower."

(May usually be omitted whenever the aircraft is under direct observation of the airport traffic controller).

(iii) "Cleared to make right turn; practice low approach to airport; contact Columbus Navy GOA; etc."

NOTE: Special clearances are provided so that unusual situations, as well as routine range practice, etc., may be properly handled.

(2) Phraseologies for certain frequently used special clearances are as follows:

(i) Clearance for right turn after take-off shall be at the discretion of the controller. In the event it is not possible to approve the right turn when issuing clearance for take-off and the pilot has requested such right turn, the following phraseology will be used:

"Will advise later, cleared for take-off."

(ii) In the event right turn can be approved at the time of issuance of clearance for take-off, the following phraseology will be used:

"Right turn approved. Cleared for take-off."

(iii) Whenever it is desired that a pilot make a straight-in approach, although he cannot yet be cleared to land, the following phraseology will be used:

"Cleared to make straight-in approach."

(iv) In the event aircraft are landing and taking off at an airport without coming to a stop during their landing roll, such operations shall be described as "touch and go" landings. Pilots shall be required to request approval of same by at least the time they are turning on their final approach leg. Approval for such operation shall be issued by use of the following phraseology:

"Cleared to make touch and go landing."

(v) In the event it is not possible to approve such an operation due to other air traffic, the following phraseology shall be used:

"Make full stop landing."

(vi) If an aircraft cannot be cleared onto the runway in use or whenever otherwise desired that the aircraft not move, the following phraseology shall be used:

"Hold your position."

(vii) If an aircraft can be cleared onto the runway in use but not cleared for take-off, the following phraseology will be used:

"Taxi into position and hold."

(viii) When it is desired that a taxiing aircraft hold at a specific position, the following phraseology will be used:

"Hold short of (position)" or "Hold on taxi strip".

(ix) Whenever pilots have indicated that they are not ready for take-off,

although they have taxied onto the landing area, possibly due to their engine temperature being too low, etc., the following phraseology will be used:

"Advise when ready for take-off."

(x) Whenever it is desired that a pilot shorten the downwind leg, the following phraseology will be used:

"Make short approach."

(xi) Whenever it is desired that a pilot lengthen the downwind leg, the following phraseology will be used:

"Extend downwind leg."

(xii) In the event it is desired to indicate to pilots in the traffic pattern which aircraft they are to follow in the landing sequence, the following phraseology will be used:

"Number (number) to land, follow (type of aircraft) (location of aircraft to follow)."

NOTE: When describing location, descriptions such as "to your right," "above you," "one mile ahead of you," etc., are much more satisfactory than "north of you," "one mile east of you," etc.

(xiii) In the event an aircraft is on final approach and there is still sufficient time to clear a departing aircraft for take-off, the following phraseology will be used:

"Cleared for immediate take-off."

(xiv) In the event an aircraft is on final approach and there is still sufficient time to clear a departing aircraft which is in take-off position, but some doubt exists as to whether or not the departing aircraft will take off immediately, the following phraseology will be used:

"Take off immediately or clear the runway."

(xv) In the event it is believed desirable to advise landing pilots of other aircraft in close proximity to the runway in use the following phraseology will be used:

"Aircraft to (right or left); or aircraft on both sides of runway (number)."

(xvi) In the event an aircraft has encountered landing gear difficulty and has proceeded to close proximity to the control tower for control tower personnel to observe the landing gear, the following phraseology will be used:

(a) If the gear appears to be in a normal position to the control tower personnel:

"Landing gear appears to be down and in place."

(b) If it does not appear to be normal a description of the appearance should be given, such as:

"Right wheel is retracted."

"Left wheel does not appear to be in place."

(xvii) If an aircraft cannot be cleared to land and it is desired that it continue to circle the field, the following phraseology will be used:

"Circle the field."

(xviii) When it is desired to delay an aircraft to effect separation and a circle of the field would take more than the

required time, the following phraseology will be used if circumstances permit:

"Make a short circle to your (right or left) from present position."

(xix) When an aircraft is on final approach and it becomes necessary to cancel the landing clearance, the following phraseology will be issued:

"Go around."

§ 617.47 *Description of essential local traffic.* Essential local traffic shall be described so as to facilitate recognition by pilots, as follows:

(a) *Military Traffic.* Military traffic shall be described by the service classification, such as: "Bomber," "Navy Transport," "Basic Trainer," "Fighter," "Attack," "Patrol Landplane," "Patrol Seaplane," etc. Jet propelled aircraft shall be so described.

(1) Military traffic may be described by military type designation to military and other pilots known to be familiar with such designations. The military type designation of military aircraft shall be spoken as a group figure (instead of a serial figure) in radio-telephone communications in accordance with the following examples:

"F Eighty"	"FBY"
"B Seventeen"	"SNJ"
"C Fifty-four"	"TBF"

(b) *Air carrier traffic.* Air carrier traffic shall be described by use of the air carrier company name painted on the aircraft followed by the type of aircraft. Examples:

"American DC-6."  
"TWA Martin."

NOTE: Pilots operating interchange aircraft will advise towers of the name painted on, and the type of aircraft, in the initial contact. Example: "National nine ten a Capital Constellation."

(c) *Civil nonscheduled traffic.* Civil nonscheduled traffic shall be described by at least the name of the manufacturer. The model, type, or color of the aircraft also may be used to facilitate identification. Examples:

"Waco-cabin" "Beechcraft"  
"Green Stinson"

§ 617.48 *Statement of figures in radio-telephone transmissions.* (a) Figures indicating hundreds and thousands in round numbers up to and including 9,000 shall be spoken in hundreds and thousands as appropriate. Examples:

Number	Statement
500 ----	"Five hundred."
1,300---	"One thousand three hundred."
4,500---	"Four thousand five hundred."
9,000---	"Nine thousand."

(b) Numbers above 9,000 shall be spoken by separating the word "thousand." Examples:

Number	Statement
10,000--	"One zero thousand."
13,000--	"One three thousand."
18,500--	"One eight thousand five hundred."
27,000--	"Two seven thousand."

(c) *Statement of serial figures.* All figures, other than the types listed in paragraphs (a) and (b) of this section shall be spoken individually. Examples:

Number Statement  
18,143-- "One eight one four three."  
26,075-- "Two six zero seven five."

Note: The above includes aircraft identification numbers. A Waco, N1746, would be identified as "Waco one seven four six."

(1) The figure "0" shall be spoken "zero" when it occurs alone or in a group of figures other than those described in paragraph (a) of this section.

(d) Time shall be stated in exactly four figures (except as noted in subparagraph (1) of this paragraph utilizing the 24-hour clock basis). The hour shall be stated by the first two figures and the minutes by the last two figures.

Examples:

Time	Statement
0000 (midnight)	"Zero zero zero zero."
0920 (9:20 a. m.)	"Zero nine two zero."
1200 (noon)	"One two zero zero."
1643 (4:43 p. m.)	"One six four three."

(1) Time may be stated in minutes only (two figures) in airport traffic-control radiotelephone communications

when no misunderstanding is likely to occur.

(2) Time shall be stated to the nearest minute unless a time check is required in which case the time should be stated to the nearest quarter minute.

Example:

11:03.17—"One one zero five and one quarter."

(3) The 24-hour clock day begins and ends at 0000 (midnight). The last minute of the last hour begins at 2359 and ends at 0000 which is the beginning of the first minute ending at 0001 of the first hour of the next day.

(e) Field elevations shall be stated in feet in accordance with the following examples:

10 ft.	"Field elevation one zero."
75 ft.	"Field elevation seven five."
583 ft.	"Field elevation five eight three."
600 ft.	"Field elevation six zero zero."
1850 ft.	"Field elevation one eight five zero."
2500 ft.	"Field elevation two five zero zero."

§ 617.49 *Procedures, words, and phrases.* (a) The following words and phrases shall be used in airport traffic control radiotelephone communication when applicable:

Word or phrase	Meaning
"Acknowledge"-----	"Let me know that you have received and understood this message."
"Affirmative"-----	"Yes."
"Break"-----	"I hereby indicate the separation between portions of the message." (To be used only where there is no clear distinction between the text and other portions of the message.)
"Correction"-----	"An error has been made in this transmission, (or message indicated). The correct version is -- --."
"Go ahead"-----	"Proceed with your message."
"How do you hear me?"-----	Self-explanatory.
"I say again"-----	Self-explanatory.
"Negative"-----	"That is not correct."
"Out"-----	"This conversation is ended, and no response is expected."
"Over"-----	"My transmission is ended, and I expect a response from you."
"Read back"-----	"Repeat all of this message back to me exactly as received after I have given 'Over'."
"Roger"-----	"I have received all of your last transmission." (To acknowledge receipt; shall not be used for any other purpose.)
"Say again"-----	Self-explanatory.
"Speak slower"-----	Self-explanatory.
"Stand by"-----	If used by itself means "I must pause for a few seconds." If the pause is longer than a few seconds, or if "Stand by" is used to prevent another station from transmitting, it must be followed by the ending "Out".
"That is correct"-----	Self-explanatory.
"Verify"-----	"Check coding, check text with the originator and send correct version."
"Words twice"-----	(a) As a request—"Communication is difficult. Please say every phrase twice." (b) As information—"Since communication is difficult, every phrase in this message will be spoken twice."

§ 617.50 *Abbreviation for CAA air traffic control.* The abbreviation "ATC" will be used to indicate CAA Air Traffic Control, for example, "ATC clears Eastern four" etc.

§ 617.51 *Identification of aircraft at night.* In addition to the prescribed provisions for identification of aircraft in the radiotelephone procedure, further identification and location of aircraft may be established during the hours of darkness, by requesting the pilot to show a landing light, as "TWA nine show a landing light."

§ 617.52 *Radio control of aircraft not transmitter equipped.* In addition to the prescribed radio operating procedure, the

following procedure is established for use in connection with control of aircraft in which radio equipment is limited to receivers.

(a) Broadcasts of airport traffic control clearances or information to VFR traffic, requiring acknowledgment from the pilot, shall provide for such acknowledgment in the following manner:

(1) When the aircraft is on the ground within the range of vision of the controller, the pilot shall be requested to acknowledge receipt of the broadcast by movement of ailerons or rudder, whichever action may be observed more readily, as:

"Acknowledge by moving ailerons."  
"Acknowledge by moving rudder."

(2) When the aircraft is in the air the same purpose will be achieved by including a request to acknowledge receipt of the broadcast by rocking the wings, as:

"Acknowledge by rocking your wings."

(3) When the aircraft is either in the air or on the ground, during the hours of darkness, the same purpose will be achieved by requesting the pilot to blink his landing lights, as:

"Acknowledge by blinking your landing or navigation lights."

LOCAL TRAFFIC INFORMATION

§ 617.55 *Essential local traffic.* (a) When operating under visual flight rules it is the responsibility of the pilot to avoid collision with other aircraft. However, due to the restricted space on and around landing areas, it is often essential that traffic information be issued to aid the pilots to avoid collision between aircraft. Essential local traffic shall be considered to consist of the following:

(1) Traffic within the control zone.

(2) Ground traffic.

(b) Essential traffic within the zone shall include all known traffic in the control zone which might constitute a hazard to the operation of the aircraft concerned.

(c) Essential ground traffic shall include any aircraft, vehicle or personnel on the landing area or in a designated loading or parking area which might constitute a hazard to the operation of the aircraft concerned.

§ 617.56 *Issuance.* (a) Detailed essential local traffic information shall be issued when, in the judgment of the controller, such information is necessary in the interests of safety, or when requested by a pilot.

INFORMATION ON FIELD CONDITIONS

§ 617.57 *Information on field conditions—(a) General.* (1) Essential information on field conditions is information necessary to safety in the operation of aircraft, which pertains to the landing area or any facilities usually associated therewith. For example, construction work on a taxi strip not connected to the runway-in-use would not be essential information to any pilot except one who might wish to taxi in the vicinity of the construction work. As another example, if all traffic must be confined to runways, that fact should be considered as essential field information to any pilot not familiar with the airport. (See fig. 9.)

(2) The following field conditions shall be included as essential field information to all pilots:

(i) Construction work along or near the runway-in-use.

(ii) Rough portions of the landing area proper whether marked or not.

(iii) Any maintenance apparatus or workmen on or near any portion of the landing area a pilot might elect to use.

(iv) Slippery condition of runways or taxiways.

(v) Snow piled or drifted on the landing area proper, and width and length of cleared runway, if known.

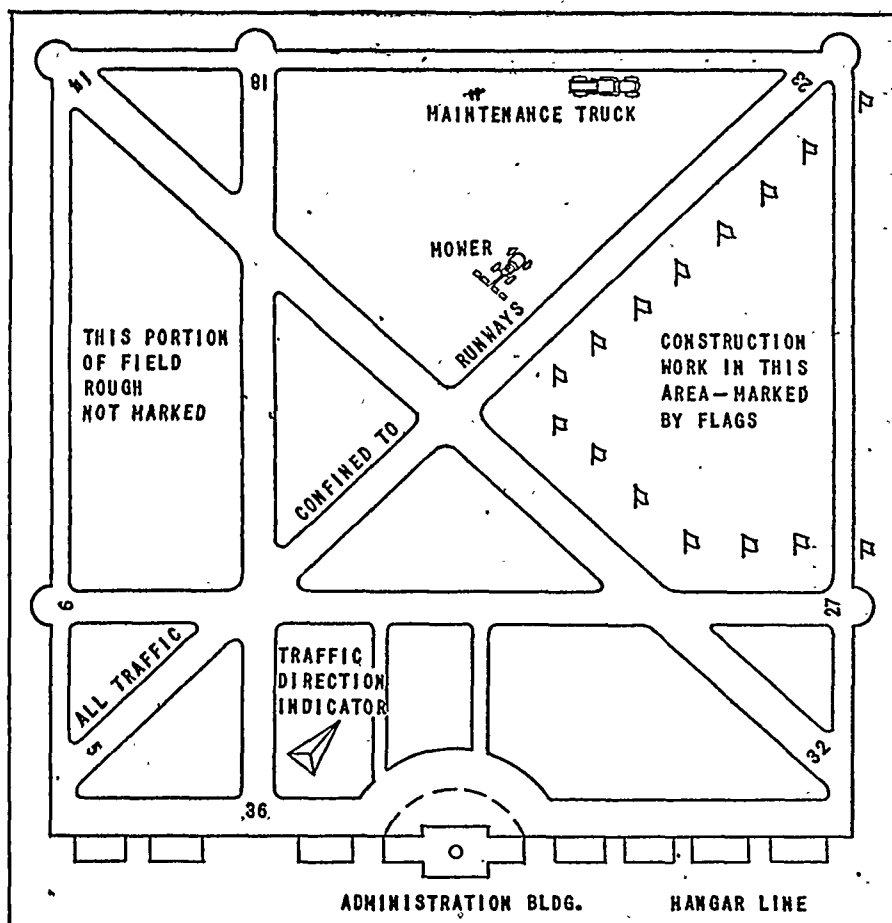


FIGURE 9. Typical airport showing various field conditions.

(vi) Failure or irregular functioning of any portion of the field lighting system.

(vii) Aircraft parked close to runways or taxiways.

(b) *Responsibility for notification of field conditions.* (1) The agency which operates the airport shall be responsible for notifying the chief airport traffic controller of current field conditions.

(c) *Description.* (1) Information on field conditions shall be stated concisely and clearly. Examples:

(i) "Mower on west side of field."

(ii) "Construction work on north end of field."

(iii) "Repair trucks near center of field."

(d) *Issuance.* (1) Essential information on field conditions shall be given to every pilot concerned, either directly or indirectly, in sufficient time for the pilot to make proper use of such information.

#### PREVENTIVE CONTROL

§ 617.59 *Preventive control*—(a) *Description.* (1) "Preventive control" may be defined as a system of control whereby useful preventive advice is given to pilots of aircraft in the air and a routine approval of the pilot's anticipated actions is eliminated. In other words, the pilot is expected to continue flight including landing in a normal manner unless otherwise advised by the airport traffic controller.

(b) *Conditions under which preventive control may be applied.* Preventive

control has an immediate application at locations which have one or more of the following types of activities:

(1) Military primary flying schools.

(2) Military transitional schools.

(3) Locally based squadrons or groups of military aircraft.

(4) Local civilian operators or schools.

(c) *Mutual agreements and arrangements.* In such cases mutual agreements and arrangements must be made with the responsible heads of these groups prior to the inauguration of preventive control. Such control is not to be employed for transient aircraft.

(d) *Control of ground traffic.* (1) The airport traffic controller is concerned with the movements of taxiing aircraft, personnel, and vehicular traffic in exercising ground control. Taxiing aircraft offer the greatest problems due to the fact that the visibility is so limited in most aircraft while in a taxiing position that obstructions such as personnel, vehicles or other aircraft may not be readily seen even by the most careful pilots. Therefore, the controller must issue explicit warnings as to the proximity of other obstructions for all taxiing traffic. This requires that the control of ground traffic be identical with the control of ground traffic previously outlined in §§ 617.22-617.28.

(e) *Control-zone procedures.* (1) Procedures for controlling traffic within and entering the control zone may be subdivided as follows:

(i) *Traffic joining the traffic pattern.* Traffic joining the traffic pattern is primarily interested in obtaining information as to field conditions, runway-in-use, and the wind direction and velocity. This information should be given when the aircraft makes its initial radio contact at the contact reporting point, or approximately 15 miles from the airport. It is expected that the pilot of the aircraft joining the traffic pattern will properly space himself so that the proper separation will be maintained on the final glide for landing.

(ii) *Traffic in the traffic pattern.* The traffic in the traffic pattern must be properly spaced at all times. This may be accomplished by advising one pilot to make a wider turn, and another pilot to make a shorter turn, or any other pertinent information. The aircraft which are actually in the traffic pattern should be aware of the runway-in-use by the time the traffic pattern is entered and, therefore, the only clearances which should be issued to such traffic are those necessary to obtain proper spacing.

(iii) *Landing traffic.* If the aircraft in the traffic pattern are properly spaced it will be unnecessary to issue detailed clearances to the landing traffic, such as "cleared to land." Rather, only prohibitive signals which will prevent collision will be issued. For example, one of two aircraft on final approach should be advised to "go around" if their separation is less than the prescribed minimum.

(iv) *Taking-off traffic.* All taking-off traffic shall be positively controlled inasmuch as such aircraft are taxiing traffic until the actual take-off is commenced.

#### SPECIAL VFR OPERATIONS WITHIN A CONTROL ZONE

§ 617.60 *Special VFR operations within a control zone.* (a) Under § 60.30 and § 60.31 of Chapter I, of this title, pilots conducting flight in accordance with visual flight rules must obtain an air traffic clearance:

(1) Before flying in a control zone when the ceiling within the control zone is reported to be less than 1,000 feet.

(2) Before flying in a control zone closer than 500 feet vertically under, 1,000 feet vertically over, or 2,000 feet horizontally from any cloud formation.

NOTE: When operating in accordance with a clearance issued by air traffic control, aircraft shall remain clear of clouds.

(3) Before flying in a control zone when the flight visibility within the control zone is less than three miles.

(4) Before landing, taking off, or entering the traffic pattern of an airport within the control zone when the official ground visibility is reported to be less than three miles at the airport about which the control zone is centered.

NOTE: The official weather observation for the airport about which the control zone is centered shall be used where observations are made at more than one airport in the zone.

(b) The issuance of a clearance for flight under the conditions specified in paragraph (a) of this section shall be predicated on known traffic conditions.

Such clearance shall provide standard IFR separation between any aircraft so cleared, and between such aircraft and any IFR traffic operating in the control zone, except that standard IFR separation need not be applied if:

(1) In the opinion of the airport traffic controller, adequate separation can be provided by the tower and each aircraft is continuously visible to the tower controller; or

(2) Each aircraft is continuously visible to pilots of other aircraft concerned and the pilots thereof can maintain their own separation and so advise.

(c) When the ground visibility is less than three miles but not less than one mile, local VFR flights may be authorized in the zone (shooting landings, etc.) only if provision is made for the recall of these aircraft when traffic conditions become too congested to permit their continuance. The most practical method of doing this is only to clear aircraft which can maintain a continuous guard on the control tower frequency.

(d) When the ground visibility is less than 1 mile, VFR operations may be authorized in the zone only in respect to those aircraft with which the tower has two-way radio communications, except that aircraft not meeting this requirement may be cleared to enter the control zone and land, or to take-off and depart directly from the control zone, traffic permitting.

(e) Operations of signal to indicate ground visibility of less than three miles and/or a ceiling of less than 1,000 feet.

(1) The following procedures shall be observed when the ground visibility is officially reported to be less than three miles and/or the ceiling less than 1,000 feet.

(i) Operate the appropriate light signal.

(a) Rotating beacon during daylight hours.

(b) Flashing wind direction indicator lights between sunset and sunrise.

(ii) Recall all aircraft operating in the traffic pattern without a clearance.

(f) Authority for issuance of traffic clearance to VFR operations:

(1) The airport controller shall coordinate with the appropriate center prior to issuing traffic clearance for VFR flight in a control zone at less than the basic VFR weather minimums (500 feet vertically and 2,000 feet horizontally from clouds and three miles visibility and a ceiling of 1,000 feet.)

#### OPERATING INSTRUCTIONS FOR AIRPORT TRAFFIC CONTROL TOWERS

§ 617.65 *General information*—(a) *Purpose*. The purpose of these instructions is to provide standard operating instructions for all airport traffic control towers. Only the broad phases of operation are included in this section and it is expected that each operating agency will provide such additional detailed instructions as are necessary for efficient operation.

(b) *Supervision of towers*. Each operating agency shall establish and designate a person responsible for the supervision and operation of each airport traffic control tower. All other air-

port traffic control personnel, when on official duty in an airport traffic control tower, will be responsible to and governed by the person in charge. When more than one person is on watch in the tower, one controller shall be designated as the "supervising controller" in charge of the watch.

§ 617.66 *Positions of operation*—(a) *General*. Each person on duty in an airport traffic control tower shall, while controlling or aiding in the control of air traffic, occupy one or more positions of operation. These positions of operation shall be established for the purpose of defining specific duties and fixing responsibility for the performance of prescribed functions, and shall be defined as follows:

(1) *Local control position*. The following are specific duties of this position of operation in addition to such supplementary duties as may be assigned by the chief controller:

(i) To issue airport traffic control clearances and information, in accordance with applicable Civil Air Regulations, governing all air traffic and vehicular traffic on the landing area, air traffic departing from the landing area and air traffic operating in accordance with VFR in the control zone.

(ii) To guard radio frequencies of all aircraft regularly using the landing area and such special frequencies as may be required from time to time.

(iii) To issue essential local traffic information, as required, to pilots of aircraft taxiing on or in the vicinity of the landing area.

(iv) To furnish to pilots of aircraft taxiing on, and in the vicinity of the landing area, information concerning field conditions, altimeter settings, and time checks as required.

(v) To forward to the local Weather Bureau Office and the appropriate center pilot weather reports as received and reports based upon personal observation of weather conditions from the control tower.

(vi) To notify operations offices, fire departments, police and ambulance services, as necessary, in the event of an accident or fire on or in the vicinity of the airport.

(vii) To study and initial all weather reports, notices to airmen and reports pertaining to the condition of the landing area or tower operating equipment.

(viii) To operate the appropriate airport lighting facilities as required by aircraft using the airport.

(2) *Flight data position*. The following are specific duties of this position of operation in addition to such supplementary duties as may be assigned by the chief controller:

(i) To assist, as directed by the supervising controller, in the issuance of airport traffic control clearances and information and in the operation of control tower equipment.

(ii) To copy and relay as necessary, all communications received over the interphone or telephone facilities.

(iii) To relay air route traffic control clearances and other control messages as instructed by an air route traffic control center.

(iv) To copy and relay, as directed, reports and information received by radio.

(v) To properly post all required flight plans, flight progress reports, arrival reports, and departure reports.

(vi) To study and initial all weather information and notices to airmen and post such material on the designated board.

(vii) To provide for the continuous recording of radio transmissions by changing voice records promptly, as they are completed, at locations where voice recorders are installed.

(viii) To record air route traffic control messages and clearances on appropriate forms.

(ix) To record flight plans received from pilots (either by radio, interphone, or telephone) on appropriate forms.

(x) To maintain airport traffic control operating forms.

§ 617.67 *Radio procedures*—(a) *Guarding radio frequencies*. The supervising controller shall be responsible for maintaining a continuous guard of standard military, naval, and civil aircraft radio frequencies. He shall also maintain a guard, when necessary, on any special frequencies that may be required. The supervising controller shall also provide for the maintenance of a continuous guard of control tower transmissions from any other landing area in the control zone in which he is controlling traffic.

(1) Normally, the volume control on receivers guarding aircraft frequencies shall be adjusted so as to permit the easy reception of normal calls from aircraft over or in the vicinity of all contact reporting points. The volume shall not be reduced on any receiver on which a continuous guard is being maintained, except as follows:

(i) The volume on any receiver or speaker may be momentarily reduced to permit the separate reception of transmissions which might be otherwise unintelligible.

(ii) The volume may be reduced momentarily when transmission from an aircraft might be annoyingly loud because of the nearness of the aircraft.

(iii) The volume may be reduced when either local or general electrical disturbances make it advisable in order to hear any transmissions at all but should be increased to normal volume as soon as possible.

(2) Tower personnel should check the receivers at least once during each watch to ascertain whether they are operating since failure of this equipment may occur without the knowledge of the personnel on duty. The receiver check may be accomplished by turning the noise suppressor off and increasing the volume until background noise is heard.

(b) *Transmission of radiotelephone messages*. An airport traffic controller on duty shall be responsible for all radiotelephone transmissions emanating from the position, or positions, of operation under his jurisdiction.

(1) The following types of radiotelephone messages shall ordinarily be transmitted by the local control position:

(i) Airport traffic control clearances and instructions.

- (ii) Essential traffic information.
- (iii) Field conditions, altimeter settings, and time checks.
- (iv) Any message pertaining to safety of aircraft.

(v) Instructions to radio equipped vehicular traffic on the landing area.

(2) The following types of radiotelephone messages may be transmitted by the flight data position at the discretion of the supervising controller:

(i) Relay of air route traffic control clearances and control messages.

(ii) Acceptance and confirmation of flight plans filed by radio.

(iii) Any other message authorized by the supervising controller.

(c) *Relaying information or advice not directly associated with traffic control.* In addition to traffic control communications which are associated with prevention of collision between aircraft within the control zone, the following communications are authorized for handling by an airport traffic controller:

(1) Messages pertaining to the operation of the aircraft authorized for transmission by the commanding officer or the representative of the airport management.

(2) Messages pertaining to the operation of the aircraft authorized for transmission by a representative of an aircraft operator to the aircraft of such operator.

(3) Any message pertaining to safety of aircraft.

§ 617.68 *Operation of interphone facilities*—(a) *General.* Interphone facilities are maintained to provide rapid voice communications service between agencies, for the exchange of information pertinent to the control of air traffic.

(1) The interphone system is divided into two categories: "local" circuits, which may consist of individual circuits between airport traffic control towers and various agencies in the vicinity, or may consist of a single circuit connecting all the agencies in the immediate vicinity of an airport, and "long lines" circuits which may connect two or more widely separated communications stations, towers, operations offices, and air route traffic control centers.

(2) An airport traffic control tower shall be the coordinating office of any local interphone system originating in the control tower. If such system also serves an airway communications station, coordination shall be effected jointly by both the station and tower.

(b) *Communications authorized for transmission on interphone systems.* Interphone systems are maintained to permit the rapid handling of communications required to effect the control of air traffic. Authorized communications are those required for the control and safety of air traffic. A partial list of authorized material follows in the general order of importance. Priority shall be determined by the relative importance of a message to the control of air traffic, rather than by strict adherence to the order as listed in this section.

(1) Emergency communications are communications concerning accidents, suspected accidents, and situations directly endangering life and property.

Communications relative to accidents may be continued until essential information has been transmitted to all concerned, but shall not receive emergency classification after the emergency period has passed.

(2) Movement and control messages and plain English equivalents of "Q" signals pertaining to aircraft movements shall receive priority over other than emergency communications.

(i) When two or more movement, or control messages are on hand for transmission their priority shall be in the following order, except that the order may be modified by consideration of the time element involved and their relative importance to the control of air traffic:

(a) Clearances and control instructions.

(b) IFR movement messages.

(1) Flight plans.

(2) Progress reports.

(3) Arrival reports.

(c) VFR movement messages.

(3) Notice to airmen: Each control tower shall compile a list of local aids to air navigation which may affect its operations. Malfunctioning of such aids shall be reported to the appropriate communications station for issuance of a notice to airmen and to the appropriate center for information.

(c) *Interphone operating procedures.* Conversations shall be as brief and concise as possible without undue hesitation and in a uniform flow of language. Every effort shall be made to enunciate clearly and distinctly, paying special attention to numerals. Use of such words as "guess" and "think" is undesirable.

(1) When any doubt exists concerning the accuracy of a received message, the complete message or the essential parts should be repeated back to the sender for verification. Transmitting personnel may also request that a message be repeated back by the receiving personnel.

(2) "Q" signals shall be transmitted by means of their plain English equivalents. Station identifications shall not be spelled, but the name of the location spoken.

(3) Low priority traffic may be interrupted for the transmission of high priority traffic, not subject to delay. For example, the continuous transmission of a series of flight plans may be interrupted for the transmission of a traffic control clearance.

(4) The domestic phonetic alphabet should be used to indicate single letters, initials, or for spelling words whenever similar sounds or difficulties in transmission make such use necessary.

(5) When the origin and destination of a message are on the same circuit, the message shall be filed with the air route traffic control center, which will then make delivery to all concerned. However, local arrangements may be made with the appropriate air route traffic control center to depart from this principle when desired.

(6) *Operating initials:* All personnel using interphone circuits shall use two-letter operating initials. The first and last initials of the operator's name should be used when appropriate. Any two letters, however, may be used to

avoid confusion due to similarity of sounds. Letters having similar sounds, such as "B" and "P" and letter combinations which are difficult to pronounce should be avoided.

(d) *Methods of originating and completing interphone contacts.* The following outlined procedures and phraseologies shall be used when initiating and completing contacts on standard interphone facilities.

(1) Voice calls and answers: Drops on the long-line interphone system shall be known by the name of the location followed by the name or standard abbreviation of the organization or facility. (On local interphone circuits, the "location" may be omitted). Examples:

"Memphis control."

"Westover tower."

"Patterson operations."

"Norfolk Navy tower."

"Fort Wayne TWA."

"Casper radio."

(i) Initiate the call by use of prescribed procedures. If voice signaling is used, state the voice call of the organization desired, followed by the word "from" and the voice call of the organization calling.

(a) All calls shall be answered by stating the voice call of the organization answering the call.

(b) Each communication shall be preceded by a term indicating the type of message to follow, such as "flight plan," "clearance," "arrival," "progress report," etc. Messages of an emergency nature shall be preceded by the word "emergency." In voice signaling the descriptive term shall be incorporated in the call, as the last item of the call.

(c) Each message shall be terminated by the operating initials of the transmitting personnel.

(d) Personnel shall acknowledge receipt of messages by stating their operating initials.

(e) All contacts are completed by air route traffic control center personnel, by stating the time in two figures to the nearest minute.

Example: Mechanical signaling (inbound to center).

(Center) "Cleveland control" (answering mechanical signaling).

(Tower) "Buffalo tower, arrival report."

(Center) "Go ahead."

(Tower) (Proceeds with message), "JL".

(Center) "HN, four six."

(ii) Except in the transmission of "emergency" messages, continuous calling should be tempered by good judgment. Stations should realize that air route traffic control centers often have only one person assigned to answer calls on two or more circuits. Air route traffic control centers should understand that communications stations, towers and operations office personnel are often engaged in duties such as weather observations, radio contacts, or outside telephone calls, which may delay the answering of interphone calls.

(e) *Connection of circuits.* Circuits will be connected only upon request or approval being received from an air route traffic control center, except that circuits may be connected at the request of a communications station or control



tower adjacent to a control boundary, so located that a connection is necessary in order to communicate with the adjacent air route traffic control center.

(1) Request for connection of circuit shall be made in accordance with the following:

"Fresno radio this is Burbank control, connect Oakland control." (Fresno signals Oakland Control and connects circuits. Message is completed in accordance with standard procedures.)

"Fresno radio this is Burbank control, release Oakland control." (Fresno disconnects circuits.)

(f) *Reporting arrivals and departures.* The times of arrival and departure of all aircraft for which flight plans or clearances have been received, shall be reported promptly to the appropriate air route traffic control center or communications station.

(1) The times of arrival and departure as required above shall be exact as established upon the following basis:

(i) Arriving aircraft shall be reported as "arrived" at the time the wheels touch the ground and it is apparent that the landing will be completed.

(ii) Departing aircraft shall be reported as "departed" at the time the wheels leave the ground.

(g) *Relaying position reports from pilots of aircraft en route.* Normally, pilots of aircraft en route will make position reports to U. S. Interstate Airway Communications Stations, Air Force or Navy Communications Stations, or private facilities. While pilots should be encouraged to continue this practice, airport traffic controllers shall not hesitate to relay such reports when they are addressed to the control towers. Pilots shall be referred to other communications agencies only if the service they request or need can be obtained in no other manner.

(h) *Relaying reports on condition of field or associated facilities.* When abnormal conditions concerning facilities which are pertinent to safety in the operation or traffic control of aircraft are observed by an airport traffic controller or are brought to the attention of the controller, such information shall, if warranted, be forwarded to the appropriate operations office, Civil Aeronautics Administration Communications Station and, if advisable, to the air route traffic control center within whose control area the tower is located.

§ 617.69 *Operation of field lighting system.* (a) Boundary and obstruction lights and the rotating airport beacon shall be lighted continuously between sunset and sunrise, and in addition, the rotating beacon shall be lighted as necessary during the hours of daylight to indicate restriction of VFR operations within the control zone. At airports where no boundary lights are installed (or when boundary lights are inoperative), runway lights on the runway most nearly aligned with the wind, or the "calm wind" runway when appropriate, shall be lighted between sunset and sunrise.

(1) With the exception of rotating airport beacons, the airport manager at

locations where a CAA control tower is in operation, may establish hours of operation of the field lighting system not in accordance with the above, provided, however, that field lighting is available on a request basis. In such cases, the airport manager shall assume the responsibility for such operations.

(b) *Floodlights and Runway Lights:* Floodlights and runway lights, except as outlined above, shall be used in accordance with the following:

(1) As soon as the pilot of an aircraft is cleared to taxi out, the taxiways which he is to use shall be illuminated and as the pilot approaches the take-off position, the runway lights for the runway-in-use shall be switched on. The floodlights shall not be turned on until the pilot has taxied onto the runway and is facing the direction for take-off. The floodlights and the runway lights shall not be turned off until the pilot has cleared the edge of the field or requests that they be turned off.

(2) When a pilot is approaching to land, the runway lights shall be turned on as soon as the pilot reports in the control zone. The floodlights for the runway-in-use shall be lighted as soon as the aircraft is identified near the field unless the pilot requests that they be left off. In the latter event, they shall be lighted briefly, before the aircraft enters the landing glide, to ascertain that the landing area to be used is clear of obstacles. If the floodlights are used for landing, they shall not be turned off before the pilot has turned onto a taxi strip, or intersecting runway, unless it is necessary for the pilot to taxi toward an unshadowed floodlight unit.

(3) As far as practicable, the airport traffic controller shall light only those portions of intersecting runways and taxi strips which the pilot must use in taxiing to the administration building, hangar line, or parking area.

(4) Brightness settings for variable and/or high intensity runway lights shall be in accordance with general guides established by the operating agency. Brightness settings shall be varied as requested by the pilot.

(i) *High Intensity Approach Lights.* High intensity approach lights shall be lighted:

(a) At any time of day or night when instrument approaches are being conducted.

(b) At any time if requested by the pilot; or

(c) When deemed advisable by the controller.

(ii) Brightness settings shall be in accordance with general guides established by the operating agency. Settings shall be varied as requested by the pilot.

§ 617.70 *Altimeter settings.* (a) Recording and using altimeter settings: The "altimeter setting" issued by the weather reporting station at 0100, 0700, 1300, and 1900 Eastern Standard Time shall be recorded on a suitable altimeter setting record form. The Altimeter Setting Indicator shall be the primary instrument for obtaining altimeter settings in the tower and all personnel shall refer to the Indicator for this data. No altimeter settings are to be obtained from

the aircraft type altimeter (except where altimeter settings indicators are not installed). The aircraft type altimeter is to be used only as a secondary means of checking the Altimeter Setting Indicator or as a primary instrument in case of malfunctioning of the latter.

(b) The altimeter setting indicators are a special form of aneroid barometer so designed that after installation and proper adjustment, the altimeter setting may be read directly from the scale of the instrument. The instrument is designed to indicate the altimeter setting when the elevation scale is set to the actual elevation of the instrument above sea level. The mechanism is enclosed in a sealed case with provision for the connection of a venting tube to outside free air.

(c) Comparisons between the readings of the indicator and the official altimeter setting issued by the U. S. Weather Bureau are necessary each six hours as in the case of the aircraft type altimeter. This shall be accomplished by completion of a separate altimeter record for the indicator. The "Correction Factor" should be entered on this form. For example, an altimeter setting of 30.01 is received from the Weather Bureau. The Altimeter Setting Indicator reads 30.00. The correction factor, "+0.01" is entered on the form. Thus, the actual altimeter setting is the value indicated by the instrument, plus or minus the correction factor. In the event the average wind velocity at the stated hours (0100, 0700, 1300, and 1900) exceeds 45 miles per hour, the instructions relative to obtaining the correction factor will not be effective and the previously determined correction factor will remain in use until a correction factor can be obtained when the average wind velocity is less than 45 miles per hour.

(1) Should the correction factor consistently exceed two one-hundredths of an inch (0.02), either plus or minus, the maintenance technician should be advised and requested to reset the instrument. Should the correction factor exceed four one-hundredths of an inch (0.04), plus or minus, the instrument should be removed from service and the maintenance technician advised.

(2) The procedures for recording and using the altimeter settings obtained from the aircraft type altimeter will continue in accordance with the following: Immediately following receipt of the "altimeter setting" issued by the weather reporting station, provided the average wind velocity does not exceed 45 miles per hour, the knob on the tower altimeter shall be turned until the reading on the barometric scale is exactly the same as the official altimeter setting. The "height setting" shall also be recorded and this will be used for reference data until the next official altimeter setting is received from the weather reporting station. In the event the average wind velocity at the stated hours exceeds 45 miles per hour, the instructions relative to turning the knob on the altimeter and the determination of the height setting will not be effective, and the previously determined height setting will remain in use until a height setting

## RULES AND REGULATIONS

can be obtained when the average wind velocity is less than 45 miles per hour.

(3) When the existing altimeter setting is requested by a pilot, the airport traffic controller shall obtain the setting in accordance with the procedure outlined in the introductory text of this paragraph. In the event it is necessary to utilize the aircraft type altimeter to obtain the altimeter setting, the airport traffic controller shall turn the knob of the altimeter until the hands of the instrument indicate the same altitude as the last determined height setting. The existing altimeter setting will then be indicated on the barometric scale of the altimeter.

(4) Whenever adjusting the aircraft type altimeter to obtain a reading, the vibrator shall be operated so as to eliminate any lag in movement of the altimeter needle.

(d) Pressure-altitude, when required, shall be obtained from a table of altimeter settings and pressure altitudes compiled for the local landing area. If no such table is available, the pressure-altitude may be obtained in the following manner:

(1) Determine the existing "altimeter setting."

(2) From N. A. C. A. Report No. 538, "Altitude-Pressure Tables based on United States Standard Atmosphere," or similar tables, obtain the altitude corresponding to the existing altimeter setting.

(3) Add the altitude obtained from the altitude-pressure table to the field elevation. The algebraic sum will be the "pressure-altitude."

§ 617.71 *Visual reporting zone.* (a) It shall be the responsibility of all airport traffic controllers to be fully apprised concerning exact locations of prominent landmarks which may be used by pilots

as visual reporting points upon entering a reporting zone of 15 miles radius surrounding the airport. (See fig. 10.)

§ 617.72 *Reporting information concerning aircraft in difficulty, aircraft accidents and known hazardous conditions of flight.* (a) Whenever information becomes available to an airport traffic controller concerning aircraft in difficulty, an aircraft accident or known conditions which are or may be hazardous to aircraft operations, such information shall be reported immediately to the air route traffic control center within whose control area the tower is located, to the airway communications station at the same location as the tower and to the local military offices if appropriate. The control tower shall render every possible assistance to the aircraft involved.

(1) In the event military aircraft are reported to be in difficulty, the airport traffic controller will also notify the local operations office and such other local military offices as the commanding officer may specify.

(b) Local airport emergency procedures: Appropriate written operations instructions covering in detail local airport emergency procedures shall be prepared by competent authority. These instructions shall clearly define the duties of airport traffic control personnel during emergency conditions, such as the invoking of emergency procedures for an aircraft accident on the landing area, and shall be prepared in collaboration with a representative of the agency which operates the airport (airport manager or commanding officer, or both).

(c) Weather information procedures:

(1) Reporting impending weather conditions: An airport traffic controller shall assist the local weather observer by calling to his attention:

(1) Any difference between the actual weather condition as observed from the tower to those indicated by the current report; and

(2) Impending changes in weather conditions whenever, because of their unexpectedness, there is a possibility that they may not be observed immediately by the local weather observer.

(d) Dissemination of weather information observed by airport traffic control tower personnel. Airport traffic control personnel may transmit to pilots and air traffic control facilities concerned, without prior reference to the weather reporting station, elements of weather information which can be directly observed by means of instruments or radar, such as wind direction, wind velocity, altimeter settings, storms and precipitation areas.

(1) An airport traffic controller may not transmit any observed elements of weather information requiring judgment of an observer as to value, such as ceiling, amount of cloudiness and visibility unless such weather report has either been composed or verified by the weather reporting station, or unless the controller is acting as an official weather observer and is properly certificated for the elements being reported.

(2) The airport traffic controller may advise the appropriate center or pilots of observed weather in general, such as "thunderstorm east of the field," "large breaks in the overcast," "visibility is lowering to the south," or any other such general statements which do not give actual values of the elements. In such cases, the weather station shall also be advised of such information.

(3) Weather information, for use in responding to requests from pilots, shall be obtained from the nearest official weather reporting station or from official weather reports.

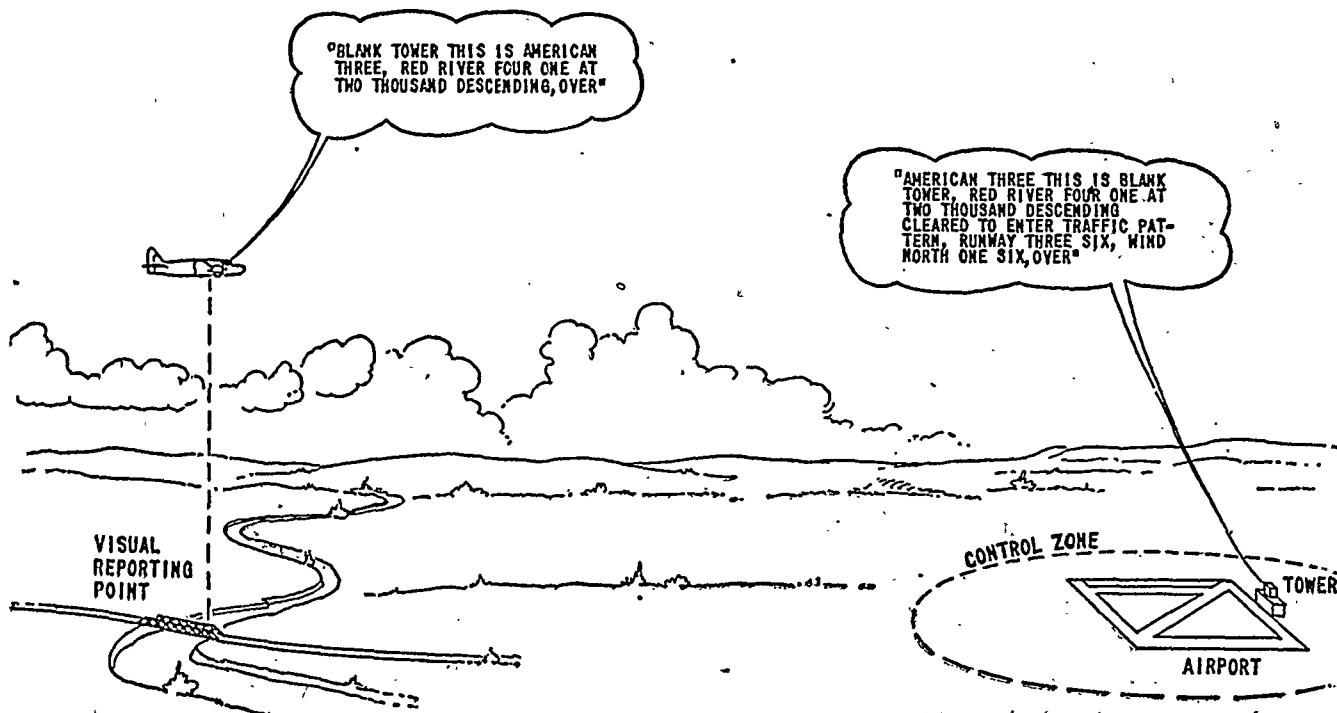


FIGURE 10. Report over a visual reporting point, and clearance to enter traffic pattern.

(e) Reporting failure or irregularity of operation of equipment: The airport traffic controller on duty shall immediately report any failure or irregularity of operation of any apparatus, light or other device, used in controlling airport traffic as directed by competent authority.

(1) Competent authority shall be responsible for the issuance, through the adjacent communications station, of a suitable notice to airmen relative to any failure or irregularity of equipment which affects the operation of the airport traffic control tower.

(f) Maintaining file of permanent records of tower transmissions: A file of permanent records of control tower radio transmissions shall be maintained where permanent-type recorders are furnished for this purpose. Completed records shall be filed chronologically and indexed for easy reference. Records may be disposed of only as prescribed by the operating agency.

(g) Maintaining traffic tabulation with mechanical traffic counters: Mechanical counters are normally used to record the number of local aircraft operations. However, where sufficient counters are provided, a tabulation of other types of operation may be so maintained.

[SEAL] WILLIAM B. DAVIS,  
Acting Administrator  
of Civil Aeronautics.

DECEMBER 5, 1957.

[F. R. Doc. 57-10242; Filed, Dec. 11, 1957;  
8:45 a. m.]

## TITLE 24—HOUSING AND HOUSING CREDIT

Subtitle A—Office of the Administrator, Housing and Home Finance Agency

PART 3—SLUM CLEARANCE AND URBAN  
RENEWAL

RELOCATION PAYMENTS; MISCELLANEOUS  
AMENDMENTS

The rules and regulations governing the making of relocation payments under section 106 (f) of the Housing Act of 1949, as amended, 42 U. S. C. 1456, to individuals, families, and business concerns displaced by an urban renewal project, prescribed on behalf of the Housing and Home Finance Administrator by the Acting Urban Renewal Commissioner, as of October 8, 1956, published at 21 F. R. 9991, December 15, 1956, and amended at 22 F. R. 1980, March 26, 1957, are hereby further amended in the following respects:

1. In the second sentence of § 3.102 (b), by deleting all that follows the words "Housing and Home Finance Agency of its desire in the matter" and substituting in lieu thereof "prior to November 15, 1957";

2. In § 3.103, by deleting before the period at the end thereof "including the effective date of the applicability of such payments";

3. In § 3.106 (a), by deleting "\$2,000" and substituting "\$2,500" and by inserting before the period at the end thereof the following: "Provided, That in the

case of a business concern said aggregate amount shall be limited to \$2,000 with respect to any moving expense incurred and actual direct loss of property suffered prior to December 12th, 1957".

Issued as of the 12th day of December 1957.

(Sec. 502, 62 Stat. 1283, as amended, sec. 106, 63 Stat. 417, as amended, sec. 305, 70 Stat. 1160; 12 U. S. C. 1701c, 42 U. S. C. 1456)

R. L. STEINER,  
Urban Renewal Commissioner.

[F. R. Doc. 57-10291; Filed, Dec. 11, 1957;  
8:51 a. m.]

## TITLE 32A—NATIONAL DEFENSE, APPENDIX

### Chapter I—Office of Defense Mobilization

[Defense Mobilization Order I-27]

DMO I-27—MAKING THE ADMINISTRATOR, SMALL BUSINESS ADMINISTRATION, A MEMBER OF THE DEFENSE MOBILIZATION BOARD

Pursuant to the authority vested in me by section 102 of Executive Order 10480, dated August 14, 1953, as amended, I hereby designate the Administrator, Small Business Administration, a member of the Defense Mobilization Board.

This order is effective December 6, 1957.

OFFICE OF DEFENSE  
MOBILIZATION,  
GORDON GRAY,  
Director.

[F. R. Doc. 57-10239; Filed, Dec. 11, 1957;  
8:45 a. m.]

## TITLE 35—PANAMA CANAL

### Chapter I—Canal Zone Regulations

Appendix—Canal Zone Orders  
[Canal Zone Order 48]

FORT WILLIAM D. DAVIS MILITARY  
RESERVATION, CANAL ZONE

REMOVAL OF PARCEL NO. 1

By virtue of the authority vested in the President of the United States by section 5 of title 2 of the Canal Zone Code, as amended by section 1 of the act of September 26, 1950, 64 Stat. 1038, and delegated to me by Executive Order No. 9746 of July 1, 1946, as amended by Executive Order No. 10595 of February 7, 1955, Canal Zone Order No. 18 of September 14, 1949, 14 F. R. 6151, establishing Fort William D. Davis Military Reservation, is hereby amended as follows:

1. All that portion of section 1 which refers to and describes Parcel No. 1 is deleted; thereby removing said parcel from the aforesaid reservation.

2. The penultimate paragraph of section 1 is hereby amended by deleting the numeral and punctuation "1," after the word "Parcels."

3. The last paragraph of section 1 is amended to read as follows:

The entire reservation, consisting of Parcels II, III, and IV, contains a land area of 1285 acres, more or less, and is as shown on Panama Canal Drawing No. 6115-59, R1—Revised September 16, 1957,

entitled "Boundary of Fort William D. Davis Military Reservation," scale 1:6,000, on file in the office of the Governor of the Canal Zone, Balboa Heights, Canal Zone.

WILBER M. BRUCKER,  
Secretary of the Army.

DECEMBER 4, 1957.

[F. R. Doc. 57-10269; Filed, Dec. 11, 1957;  
8:48 a. m.]

## TITLE 43—PUBLIC LANDS: INTERIOR

### Chapter I—Bureau of Land Manage- ment, Department of the Interior

Appendix—Public Land Orders

[Public Land Order 1559]

[Anchorage 025185]

ALASKA

WITHDRAWING PUBLIC LANDS FOR RECREA-  
TIONAL FACILITIES PURPOSES

By virtue of the authority vested in the President and pursuant to Executive Order No. 10355 of May 26, 1952, it is ordered as follows:

Subject to valid existing rights, the following-described public lands in Alaska are hereby withdrawn from all forms of appropriation under the public land laws, including the mining but not the mineral-leasing laws nor the act of July 31, 1947 (61 Stat. 681; 43 U. S. C. 1185-1187), and reserved for construction and maintenance of public recreational facilities pending their conveyance in accordance with the provisions of the act of May 4, 1956 (70 Stat. 130) as amended by the act of August 30, 1957 (71 Stat. 510):

SEWARD MERIDIAN

LITTLE SUSITNA RIVER AREA

T. 18 N., R. 3 W.,  
Sec. 22, SE¼SW¼ and SW¼SE¼.

The areas described aggregate 80 acres.

ANCHOR RIVER AREA

T. 4 S., R. 15 W.,  
Sec. 22, lot 3.

The area described contains 33.50 acres.

STARISKY CREEK AREA

T. 4 S., R. 15 W.,  
Sec. 11, lot 3.

The area described contains 30.05 acres.

The total acreage consists of 143.55 acres.

ROYCE A. HARDY,

Assistant Secretary of the Interior.

DECEMBER 6, 1957.

[F. R. Doc. 57-10245; Filed, Dec. 11, 1957;  
8:45 a. m.]

[Public Land Order 1560]

WYOMING AND ARKANSAS

RESERVING PUBLIC LANDS IN NATIONAL FOR-  
ESTS FOR USE OF FOREST SERVICE AS  
ADMINISTRATIVE SITE, AND RECREATION  
AREA

By virtue of the authority vested in the President by the act of June 4, 1897 (30

Stat. 34, 36; 16 U. S. C. 473) and otherwise, and pursuant to Executive Order No. 10355 of May 26, 1952, it is ordered as follows:

Subject to valid existing rights, the following-described public lands within the national forests hereafter designated are hereby withdrawn from all forms of appropriation under the public land laws, including the mining but not the mineral leasing laws, nor the act of July 31, 1947 (61 Stat. 681; 30 U. S. C. 601-604), and reserved for use of the Forest Service as an administrative site, and recreational area, as indicated:

[Wyoming 040577]

SIXTH PRINCIPAL MERIDIAN

BIG HORN NATIONAL FOREST—BIG GOOSE ADMINISTRATIVE SITE

T. 53 N., R. 88 W.,

Sec. 3, lot 8;

Sec. 4, lot 5.

T. 54 N., R. 88 W.,

Sec. 33,  $\frac{1}{2}$  SE  $\frac{1}{4}$  SE  $\frac{1}{4}$ ;

Sec. 34, lot 4.

The areas described aggregate 92.54 acres,

[BLM 044496]

FIFTH PRINCIPAL MERIDIAN

OUCHITA NATIONAL FOREST—MINE CREEK RECREATION AREA

T. 3 S., R. 28 W.,

Sec. 31,  $\frac{1}{2}$ ;

Sec. 32, SW  $\frac{1}{4}$ .

The areas described aggregate 504.22 acres,

The total area described aggregates 596.76 acres.

This order shall take precedence over but not otherwise affect the existing reservation of the lands for national forest purposes.

ROYCE A. HARDY,  
Assistant Secretary of the Interior.

DECEMBER 6, 1957.

[F. R. Doc. 57-10246; Filed, Dec. 11, 1957; 8:46 a. m.]

[Public Land Order 1561]

[116245]

FLORIDA

WITHDRAWING PUBLIC LANDS FOR USE OF DEPARTMENT OF THE AIR FORCE FOR MILITARY PURPOSES; REVOKING EXECUTIVE ORDER NO. 3671 OF MAY 8, 1922, WHICH WITHDREW LANDS FOR LIGHTHOUSE PURPOSES

By virtue of the authority vested in the President and pursuant to Executive Order No. 10355 of May 26, 1952, it is ordered as follows:

1. Subject to valid existing rights, the following-described public lands in Florida are hereby withdrawn from all forms of appropriation under the public land laws, including the mining and mineral-leasing laws, but excepting disposals of materials under the act of July 31, 1947

(61 Stat. 681; 30 U. S. C. 601-604) as amended, and reserved for use of the Department of the Air Force as part of Tyndall Air Force Base:

TALLAHASSEE MERIDIAN

T. 5 S., R. 14 W.,

Sec. 11, fractional.

The tract described contains 14.35 acres.

2. It is the intent of this order that the withdrawn minerals in the lands shall remain under the jurisdiction of the Department of the Interior, and no disposition shall be made of such minerals except under the applicable United States mining and mineral-leasing laws, and then only after such modification of the provisions of this order as may be necessary to permit such disposition.

3. Executive Order No. 3671 of May 8, 1922, which withdrew the land for lighthouse purposes, is hereby revoked.

ROYCE A. HARDY,  
Assistant Secretary of the Interior.

DECEMBER 6, 1957.

[F. R. Doc. 57-10247; Filed, Dec. 11, 1957; 8:46 a. m.]

[Public Land Order 1562]

[1065857]

SOUTH DAKOTA

REVOKING EXECUTIVE ORDER NO. 3297  
OF JULY 21, 1920

By virtue of the authority vested in the President by the act of June 25, 1910 (36 Stat. 847; 43 U. S. C. 141), and pursuant to Executive Order No. 10355 of May 26, 1952, it is ordered as follows:

1. Executive Order No. 3297 of July 21, 1920, which withdrew the following-described public lands in South Dakota for examination as to their availability for a permanent reservation for preservation of fossil cycad deposits, is hereby revoked:

BLACK HILLS MERIDIAN

T. 7 S., R. 3 E.,

Sec. 35, SW  $\frac{1}{4}$  NE  $\frac{1}{4}$ , SE  $\frac{1}{4}$ , E  $\frac{1}{2}$  SW  $\frac{1}{4}$ , and SW  $\frac{1}{4}$  SW  $\frac{1}{4}$ .

The areas described aggregate 320 acres.

2. The lands are located approximately 14 miles west of Hot Springs, South Dakota, and about one-half mile west of U. S. Highway 18 (alternate 85A). The area is accessible by means of an unimproved dirt road, and has an elevation of about 4,500 feet. The terrain is undulating to rough, and three small canyons dissect the tract in a southeasterly direction. Soils are clay to silty clay in texture, varying from shallow depth on the upper slopes to medium depth in the bottom of the draws. A small area of approximately five acres in the north central portion is more level.

3. No application for the lands may be allowed under the homestead, desert-

land, small tract, or any other non-mineral public-land law unless the lands have already been classified as valuable or suitable for such type of application, or shall be so classified upon the consideration of an application. Any application that is filed will be considered on its merits. The lands will not be subject to occupancy or disposition until they have been classified.

4. Subject to any valid existing rights and the requirements of applicable law, the lands are hereby opened to filing of applications, selections, and locations in accordance with the following:

a. Applications and selections under the nonmineral public-land laws may be presented to the Manager mentioned below, beginning on the date of this order. Such applications and selections will be considered as filed on the hour and respective dates shown for the various classes enumerated in the following paragraphs:

(1) Applications by persons having prior existing valid settlement rights, preference rights conferred by existing laws, or equitable claims subject to allowance and confirmation will be adjudicated on the facts presented in support of each claim or right. All applications presented by persons other than those referred to in this paragraph will be subject to the applications and claims mentioned in this paragraph.

(2) All valid applications under the Homestead, Desert Land, and Small Tract Laws by qualified veterans of World War II or of the Korean Conflict, and by others entitled to preference rights under the act of September 27, 1944 (58 Stat. 747; 43 U. S. C. 279-284 as amended), presented prior to 10:00 a. m., on January 11, 1958, will be considered as simultaneously filed at that hour. Rights under such preference right applications filed after that hour and before 10:00 a. m., on April 12, 1958, will be governed by the time of filing.

(3) All valid applications and selections under the nonmineral public-land laws, other than those coming under paragraphs (1) and (2) above, presented prior to 10:00 a. m., on April 12, 1958, will be considered as simultaneously filed at that hour. Rights under such applications and selections filed after that hour will be governed by the time of filing.

b. The lands will be open to applications and offers under the mineral-leasing laws, and to location under the United States mining laws beginning at 10:00 a. m., on April 12, 1958. Applications and offers under the mineral-leasing laws filed on or before 10:00 a. m., on that date will be considered as simultaneously filed at that time. Applications filed thereafter will be considered in the order of filing. Mining locations made prior to that date and subsequent to October 21, 1922, are invalid. If any excavations on such lands for the recovery of fissionable materials or any other minerals uncover fossil remains, such remains shall become the property of the United States as provided by the act of August 1, 1956 (70 Stat. 898).

Persons claiming veterans preference rights must enclose with their applications proper evidence of military or naval service, preferably a complete photostatic copy of the certificate of honorable discharge. Persons claiming preference rights based upon valid settlement, statutory preference, or equitable claims must enclose properly corroborated statements in support of their claims. Detailed rules and regulations governing applications which may be filed pursuant to this notice can be found in Title 43 of the Code of Federal Regulations.

Inquiries concerning the lands shall be addressed to the Manager, Land Office; Bureau of Land Management, Billings, Montana.

ROYCE A. HARDY,  
Assistant Secretary of the Interior.

DECEMBER 6, 1957.

[F. R. Doc. 57-10248; Filed, Dec. 11, 1957;  
8:46 a. m.]

[Public Land Order 1563]

[Anchorage 031529]

#### ALASKA

#### WITHDRAWING PUBLIC LANDS FOR USE OF BUREAU OF RECLAMATION, DEPARTMENT OF THE INTERIOR, AS CAMPSITE AND EQUIP- MENT STORAGE AREA

By virtue of the authority vested in the President and pursuant to Executive Order No. 10355 of May 26, 1952, it is ordered as follows:

Subject to valid existing rights, the following-described public lands in Alaska are hereby withdrawn from all forms of appropriation under the public land laws, including the mining and mineral leasing laws, but not the act of July 31, 1947 (61 Stat. 681; 30 U. S. C. 601-604) and reserved for use of the Bureau of Reclamation, Department of the Interior, as a campsite and equipment storage area:

#### GOLD CREEK AREA

Tract of land near the Gold Creek Station of the Alaska Railroad, described as follows:

Beginning at a point on the southeasterly boundary line of the 200 foot right-of-way of the Alaska Railroad which point lies S. 63° 52'30" E., 100 feet from the centerline of the main tract at survey station 11,902 plus 70.0;

Thence N. 26°07'30" E. 400.0 feet parallel to, and 100.0 feet from the centerline of the main tract to the true point of beginning;

Thence southwesterly identical with the southeasterly boundary line of said right-of-way 500 feet;

Thence southeasterly at right angles to the right-of-way boundary 435 feet;

Thence northeasterly parallel with the right-of-way boundary 500 feet;

Thence northwesterly at right angles to the right-of-way boundary 435 feet to the point of beginning.

The tract described contains approximately 5.0 acres.

ROYCE A. HARDY,  
Assistant Secretary of the Interior.

DECEMBER 6, 1957.

[F. R. Doc. 57-10249; Filed, Dec. 11, 1957;  
8:46 a. m.]

## TITLE 46—SHIPPING

### Chapter I—Coast Guard, Department of the Treasury

Subchapter F—Marine Engineering  
[CGFR 57-48]

#### MISCELLANEOUS AMENDMENTS TO SUBCHAPTER

Notices regarding proposed changes in the navigation and vessel inspection regulations were published in the FEDERAL REGISTER dated March 7, 1957 (22 F. R. 1433-1439), March 28, 1957 (22 F. R. 2047), and May 4, 1957 (22 F. R. 3185, 3186), as Items I through XVII of the Agenda to be considered by the Merchant Marine Council. Pursuant to these notices a public hearing was held on May 7, 1957 by the Merchant Marine Council at Washington, D. C. This document is the tenth and the last of a series covering the regulations considered at this public hearing. The first document (CGFR 57-26) deals with the inspection of shipboard cargo gear on passenger, cargo, and miscellaneous vessels and was published June 5, 1957, 22 F. R. 3924. The second Federal Register document (CGFR 57-27) deals with lifesaving, fire protection, and grain loading requirements for passenger, cargo, and miscellaneous vessels and was published June 7, 1957 (22 F. R. 4018-4021). The third document (CGFR 57-29) deals with cargo tanks for liquefied inflammable gases and anhydrous ammonia; stowage of baled cotton, and use of equivalents or alternative procedures respecting dangerous cargoes and was published June 25, 1957 (22 F. R. 4446, 4447). The fourth Federal Register document (CGFR 57-30) deals with crew accommodations on tank ships and was published June 25, 1957 (22 F. R. 4447, 4448). The fifth document (CGFR 57-31) deals with drydocking of passenger, tank, cargo, and miscellaneous vessels and was published July 20, 1957 (22 F. R. 5793, 5794). The sixth Federal Register document (CGFR 57-32) deals with the first assistant engineer of vessels not over 2,000 horsepower and examination of lifeboatmen and able seamen and was published July 25, 1957 (22 F. R. 5894, 5895). The seventh Federal Register document (CGFR 57-33) deals with miscellaneous amendments respecting dangerous cargoes and was published October 29, 1957 (22 F. R. 8559-8723). The eighth Federal Register document (CGFR 57-36) deals with structural fire protection for passenger vessels and was published August 2, 1957 (22 F. R. 6095, 6096). The ninth Federal Register document (CGFR 57-39) deals with deck officers for vessels in the mineral and oil industries and was published August 24, 1957 (22 F. R. 6872, 6873). The Merchant Marine Council withdraw Items VII, IX, and XIV for further consideration.

The Coast Guard acknowledges the assistance given to the Merchant Marine Council by those interested parties who submitted comments, views, and data in connection with the items considered at the Merchant Marine Council public hearing. On the basis of the information

received, certain proposed regulations were revised. With respect to Item VI—Marine Engineering Regulations and Material Specifications, Miscellaneous Amendments, changes were made in some of the proposals.

With respect to material specifications in 46 CFR Part 51, the ASTM standard A234-57T entitled "Factory Made Wrought Steel and Ferritic Alloy Steel Welding Fittings", and ASTM standard A403-57T entitled "Factory Made Austenitic Welding Fittings" were added to Table 51.46-1, respecting material specifications for steel forgings.

The proposals with respect to piping systems were revised. The change in 46 CFR 55.01-10, regarding plan approvals of piping systems should provide a better schedule of plan submittal so that the Coast Guard will obtain sufficient piping information for vessel inspection. The changes in 46 CFR 55.07-1 authorize the Commandant to permit the use of plastic pipe and flexible hose in piping systems based upon data submitted by the shipyard or operators. The changes in 46 CFR 55.07-15 and Figure 55.07-15 (f) (3) clarify the requirements under which slip-on flanges are permitted. The change to 46 CFR 55.10-50 permits openings in the bottom of diesel fuel tanks for cleaning purposes in order that these requirements will be similar to changes made with respect to gasoline fuel tanks. The changes in 46 CFR 56.01-85 provide requirements for special fittings fabricated by welding which do not conform to the industrial standard ASTM A234. With respect to 46 CFR 57.25-35 regarding rudder stops and follow ups, the regulations have been reworded to require a rudder indicating device in order to show the position of the rudder with respect to the helm position when non-follow-up controls are employed. The proposal respecting the after steering station was not changed. The requirements in 46 CFR 61.30-5 (c), respecting shop tests, was revised so that only special welded pipe fittings, not manufactured in accordance with ASTM standards specified in 46 CFR 51.46-1, are required to be shop tested in accordance with 46 CFR 56.01-85.

By virtue of the authority vested in me as Commandant, United States Coast Guard, by Treasury Department Orders 120, dated July 31, 1950 (15 F. R. 6521), 167-14, dated November 26, 1954 (19 F. R. 8026), and CGFR 56-28, dated July 24, 1956 (21 F. R. 5659), to promulgate regulations in accordance with the statutes cited with the regulations below, the following amendments are prescribed and shall become effective thirty days after the date of publication of this document in the FEDERAL REGISTER:

#### PART 51—MATERIALS

##### SUBPART 51.04—MARINE BOILER STEEL PLATE

Section 51.04-1 Scope is amended by revising in "Table 51.04-1—Material Specifications" the reference to ASTM specification designation (column 1) from "A204-54T" to "A204-56."

##### SUBPART 51.07—STAYBOLT AND RIVET STEEL

Section 51.07-1 Scope is amended by revising in "Table 51.07-1—Material



Specifications" the reference to ASTM specification designation (column 1) from "A202-54T" to "A202-56."

#### SUBPART 51.25—CARBON AND ALLOY-STEEL AND WROUGHT IRON TUBES

Section 51.25-1 *Scope* is amended by revising in "Table 51.25-1—Material Specifications" the references to ASTM specification designations (column 1) from "A83-55T" to "A83-56T"; from "A178-55T" to "A178-56T"; from "A179-55T" to "A179-56T"; from "A226-55T" to "A226-57T"; and from "A213-55T" to "A213-57T."

#### SUBPART 51.34—CARBON AND ALLOY-STEEL, AND WROUGHT IRON PIPE

Section 51.34-1 is amended by revising the Table 51.34-1 to read as follows:

##### § 51.34-1 *Scope*. \* \* \*

TABLE 51.34-1—MATERIAL SPECIFICATIONS

A. S. T. M. designation	A. S. T. M. grade	Coast Guard grade
Carbon-steel and iron:		
A53-55T...	Lap-welded steel.....	P53-LW.
A53-55T...	Butt-welded steel.....	P53-BW.
A53-55T...	A (seamless steel).....	P53-A.
A53-55T...	B (seamless steel).....	P53-B.
A53-55T...	A (electric-resistance-welded steel).	P53-RW-A.
A53-55T...	B (electric-resistance-welded steel).	P53-RW-B.
A100-55T...	A (seamless steel).....	P100-A.
A100-55T...	B (seamless steel).....	P100-B.
A100-55T...	C (seamless steel).....	P100-C.
A135-55T...	A (electric-resistance-welded steel).	P135-A.
A135-55T...	B (electric-resistance-welded steel).	P135-B.
A72-55T...	Lap-welded wrought iron.	P72-LW.
A72-55T...	Butt-welded wrought iron.	P72-BW.
Alloy-steel:		
A335-55T...	P1 (C-Mo).....	P1.
A335-55T...	P2 (0.50 to 0.70 Cr-0.50 Mo).	P2.
A335-55T...	P3 (1.75 Cr-0.70 Mo).....	P3.
A335-55T...	P3b (2 Cr-0.50 Mo).....	P3b.
A335-55T...	P11 (1.25 Cr-0.50 Mo).....	P11.
A335-55T...	P12 (1 Cr-0.50 Mo).....	P12.
A335-55T...	P21 (3 Cr-0.90 Mo).....	P21.
A335-55T...	P22 (2.25 Cr-1 Mo).....	P22.
A312-57T...	TP321 (18 Cr-8 Ni + Ti).....	TP321.
A312-57T...	TP347 (18 Cr-8 Ni + Co).....	TP347.

#### SUBPART 51.46—STEEL FORGINGS

Section 51.46-1 is amended by revising Table 51.46-1 to read as follows:

##### § 51.46-1 *Scope*. \* \* \*

TABLE 51.46-1—MATERIAL SPECIFICATIONS

A. S. T. M. designation	A. S. T. M. grade	Coast Guard grade
Carbon-steel:		
A105-55T...	I.....	F105-I.
A105-55T...	II.....	F105-II.
A181-55T...	I.....	F181-I.
A181-55T...	II.....	F181-II.
Alloy-steel:		
A182-56T...	F1 (C-Mo).....	F1.
A182-56T...	F5 (5 Cr-0.50 Mo).....	F5.
A182-56T...	F11 (1.25 Cr-0.50 Mo).....	F11.
A182-56T...	F12 (1 Cr-0.50 Mo).....	F12.
A182-56T...	F22 (2.25 Cr-1 Mo).....	F22.
A182-56T...	F316 (18 Cr-8 Ni + Mo).....	F316.
A182-56T...	F321 (18 Cr-8 Ni + Ti).....	F321.
A182-56T...	F347 (18 Cr-8 Ni + Co).....	F347.
A234-57T...		
A403-57T...		

#### SUBPART 51.49—CARBON AND ALLOY-STEEL BOLTING AND NUT MATERIAL

Section 51.49-1 *Scope* is amended by revising in "Table 51.49-1—Material Specifications" the references to ASTM specification designations (column 1) from "A261-54T" to "A261-56T"; from "A193-55T" to "A193-56T"; and from "A194-55T" to "A194-56T."

#### SUBPART 51.58—STEEL CASTINGS

Section 51.58-1 *Scope* is amended by revising in "Table 51.58-1—Material Specifications" the reference to ASTM specification designation (column 1) from "A216-53T" to "A216-56T"; and by deleting from this table reference to specification "A95-44" in column 1 and any information opposite it in columns 2 and 3 (this specification has been discontinued).

#### SUBPART 51.61—IRON CASTINGS

Section 51.61-1 *Scope* is amended by revising in "Table 51.61-1—Material Specifications" the reference to ASTM

specification designation (column 1) from "A395-55T" to "A395-56T".

#### SUBPART 51.73—SEAMLESS COPPER AND COPPER ALLOY TUBES

Section 51.73-1 *Scope* is amended by revising in "Table 51.73-1—Material Specifications" the reference to ASTM specification designation (column 1) from "B111-55" to "B111-56".

#### SUBPART 51.79—ALUMINUM ALLOY PLATE

Section 51.79-1 *Scope* is amended by revising in "Table 51.79-1—Material Specifications" the reference to ASTM specification designation (column 1) from "B178-54T" to "B178-56T".

(R. S. 4405, as amended, 4462, as amended, 46 U. S. C. 375, 416. Interpret or apply R. S. 4399, as amended, 4400, as amended, 4417, as amended, 4417a, as amended, 4418, as amended, 4421, as amended, 4426-4431, as amended, 4433, as amended, 4434, as amended, 4453, as amended, 4491, as amended, sec. 14, 29 Stat. 690, as amended, 41 Stat. 305, as amended, 49 Stat. 1544, as amended, secs. 2, 3, 17, 54 Stat. 1028, as amended, 347, as amended, 166, as amended, sec. 3, 68 Stat. 675; 46 U. S. C. 361, 362, 391, 391a, 392, 399, 404-409, 411, 412, 435, 489, 366, 363, 367, 526p, 1333, 463a, 50 U. S. C. 198; E. O. 10402, 17 F. R. 9917, 3 CFR, 1952 Supp.)

#### PART 52—CONSTRUCTION

##### SUBPART 52.05—CYLINDRICAL SHELLS

Section 52.05-10 (a) is amended by revising Table 52.05-10 (a) in the following respects:

a. Under the heading "For metal temperatures not exceeding ° F." change the heading for the first column thereunder from "—20 to 650" to "650."

b. Insert the following new requirements respecting seamless carbon steel for pipe material under specification Subpart 51.34, A. S. T. M. designation A106, Grade C (There is no change in text of footnotes 1 and 2 referred to in the headings and therefore only footnote 14 is added):

TABLE 52.05-10 (a)—MAXIMUM ALLOWABLE STRESSES<sup>1</sup> FOR FERROUS MATERIALS

[Bollers, unfired pressure vessels, boiler tubes and bolting]

Specification subpart	A. S. T. M. designation	Grade		Minimum tensile strength p. s. i.	Notes	For metal temperatures not exceeding °F. <sup>2</sup>											
		A. S. T. M.	C. G.			650	700	750	800	850	900	950	1,000	1,050	1,100	1,150	1,200
Seamless carbon steel:	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
51.34.....	A108.....	C.....	P108-C.....	70,000	(H)	17,500	16,600	14,750	12,000	.....	.....	.....	.....	.....	.....	.....	

<sup>1</sup> This material limited to the construction of superheater, water wall and economizer headers when used in boilers. Where welding fabrication is employed, a minimum preheat temperature of 300° F. shall be used.

(R. S. 4405, as amended, 4462, as amended, 46 U. S. C. 375, 416. Interpret or apply R. S. 4399, as amended, 4400, as amended, 4417, as amended, 4417a, as amended, 4418, as amended, 4421, as amended, 4426-4431, as amended, 4433, as amended, 4434, as amended, 4453, as amended, 4491, as amended, sec. 14, 29 Stat. 690, as amended, 41 Stat. 305, as amended, 49 Stat. 1544, as amended, secs. 2, 3, 17, 54 Stat. 1028, as amended, 347, as amended, 166, as amended, sec. 3, 68 Stat. 675; 46 U. S. C. 361, 362, 391, 391a, 392, 399, 404-409, 411, 412, 435, 489, 366, 363, 367, 526p, 1333, 463a, 50 U. S. C. 198; E. O. 10402, 17 F. R. 9917, 3 C. R. 1952 Supp.)

#### PART 54—UNFIRED PRESSURE VESSELS

##### SUBPART 54.01—GENERAL REQUIREMENTS

Section 54.01-1 (b) is amended by adding a new subparagraph (3), reading as follows:

##### § 54.01-1 *Scope*. \* \* \*

(b) \* \* \*

(3) Condensers, jacket water coolers and lubricating oil coolers containing mediums at or below the pressures and temperatures specified in Table 54.01-1 (c).

(R. S. 4405, as amended, 4462, as amended, 46 U. S. C. 375, 416. Interpret or apply R. S. 4399, as amended, 4400, as amended, 4417, as amended, 4417a, as amended, 4418, as amended, 4421, as amended, 4426-4431, as amended, 4433, as amended, 4434, as amended, 4453, as amended, 4491, as amended, sec. 14, 29 Stat. 690, as amended, 41 Stat. 305, as amended, 49 Stat. 1544, as amended, secs. 2, 3, 17, 54 Stat. 1028, as amended, 347, as amended, 166, as amended, sec. 3, 68 Stat. 675; 46 U. S. C. 361, 362, 391, 391a, 392, 399, 404-409, 411, 412, 435, 489, 366, 363, 367, 526p, 1333, 463a, 50 U. S. C. 198; E. O. 10402, 17 F. R. 9917, 3 CFR, 1952 Supp.)



## PART 55—PIPING SYSTEMS AND APPURTENANCES

## SUBPART 55.01—GENERAL

1. Section 55.01-10 (c) is amended to read as follows:

§ 55.01-10 *Plan approval*. . . .

(c) (1) Prior to installation aboard ship, arrangement drawings and diagrams of the following systems shall be submitted for approval.

(i) Steam piping (arrangement drawings of systems exceeding 125 p. s. i. only are required to be submitted for approval).

(ii) Boiler feed and blow-off piping.

(iii) Fuel oil service, transfer and fill piping.

(iv) Fire extinguishing systems including fire main and sprinkler piping, steam smothering and inert gas and foam.

(v) Bilge and ballast piping.

(vi) Salt water tank cleaning piping.

(vii) Vent, sounding and overflow piping.

(viii) Cargo piping.

(2) Diagrams only of the following systems shall be submitted for approval:

(i) Steam and exhaust piping (systems not exceeding 125 p. s. i.).

(ii) Compressed air piping.

(iii) Steam drain piping.

(iv) Refrigeration piping.

(v) Lubricating oil piping.

(vi) Condenser circulating water piping.

(vii) Hydraulic oil piping.

(viii) Internal combustion engine fuel piping.

(ix) Safety valve escape piping.

(x) Plumbing, deck drains and overboard discharge piping.

## SUBPART 55.07—DETAIL REQUIREMENTS

2. Section 55.07-1 (b) is amended by revising in "Table 55.07-1 (b)—Piping Materials," in column 3 entitled "Grade," the grade designations "P106-A, B" to "P106-A, B, C."

3. Section 55.07-1 is further amended by revising paragraph (h) and by adding new paragraphs (i) and (j), reading as follows:

§ 55.07-1 *Material*. . . .

(h) (1) Except as otherwise provided for in this paragraph, plastic pipe may be used for fresh and salt water supply to quarters, sanitary drains, cooling water supply to non-vital machinery and to all machinery fitted with a duplicate standby unit, and for other piping systems as may be authorized by the Commandant. Plastic pipe shall not be used in systems which lead through watertight decks or bulkheads, nor in any overboard discharge line outboard of the required overboard discharge valves.

(2) Plastic piping shall be limited to a maximum pressure of 150 p. s. i. and a maximum temperature of 140° F., or as may be authorized by the Commandant.

(3) Material used in the fabrication of plastic pipe shall be unplasticized rigid polyvinylchloride (PVC) or reinforced resins, or such other plastic material as may be authorized by the Commandant. The flammability of the plastic pipe shall not exceed the burning rate of the self-

extinguishing type as determined by the standard ASTM test method (D-635).

(4) The wall thickness of plastic pipe shall not be less than Schedule 40 I. P. S. The pipe shall be designed to withstand a hydrostatic bursting pressure of not less than 5 times the maximum allowable pressure and shall have a minimum tensile strength of at least 5,000 p. s. i.

(5) Pipe joints shall be of the slip-sleeve, socket or screwed type. Screwed joints shall be used on pipe having at least Schedule 80 wall thickness.

(i) (1) Except as otherwise provided for in this paragraph, flexible hose and hose assemblies may be used for fresh and salt water supply to quarters, sanitary drains, cooling water supply to non-vital machinery and to all machinery fitted with a duplicate standby unit, and for other piping systems as may be authorized by the Commandant. Flexible hose shall not be used in systems which lead through watertight decks or bulkheads, nor in any overboard discharge line outboard of the required overboard discharge valves.

(2) Non-metallic flexible hose shall be fabricated with an inner tube and cover of synthetic rubber or other suitable material reinforced with wire braid. The material for the cover shall be fire-resistant. The inner tube shall consist of a compound of seamless construction and uniform gage.

(3) Piping systems using flexible hose shall be limited to a maximum pressure of 150 p. s. i., except that short lengths of flexible hose may be installed in the fuel supply lines and lubricating lines at or near the engine, and in hydraulic or pneumatic systems where flexibility is required. Unreinforced flexible hose may be used in water and pneumatic piping systems for pressures not exceeding 50 p. s. i.

(4) Flexible hose assemblies shall be designed for a bursting pressure of not less than 4 times the maximum allowable pressure.

(j) If it is desired to use materials other than those specified in this section, a request furnishing chemical and physical properties of the material which it is desired to employ shall be submitted to the Commandant for special consideration.

4. Section 55.07-5 is amended in the following respects:

a. In subparagraph 55.07-5 (a) (1) the definitions for "M" and "A" and the "Note" for formulas (1) and (2) are revised to read as follows:

§ 55.07-5 *Design pressures and thickness of pipes*. (a) (1) . . . .

M=multiplier as given in Table 55.07-5 (a1).

A=allowance for threading, grooving, and/or corrosion.

=0.05 inch for threaded pipe ¾ inch and below.

=depth of thread *h* for threaded pipe ½ inch and above.

=depth of groove for grooved pipe.

=0.05 inch for plain-end steel, wrought iron pipe or tubes, 1 inch size and smaller.

=0.065 inch for plain-end steel, wrought iron pipe or tubes, for sizes above 1 inch.

=0.00 inch for plain-end nonferrous pipe or tubes.

NOTE: The depth of thread *h* may be determined by the formula  $h=0.8n$ ; where *n*=the number of threads per inch, or from the following values: *h*=0.100 inch, 0.0696 inch, and 0.0571 inch, for 8, 11½, and 14 threads per inch, respectively. "Plain-end" includes pipe joined by flared compression couplings, lap joints, welding, etc., i. e., by any method that does not reduce the wall thickness of the pipe at the joint.

b. In "Table 55.07-5 (a)—Maximum Allowable Stresses for Piping" the "Multiplier 'M'" and the values for multiplier "M" in the headings for "Ferrous Materials" and "Nonferrous Materials" are deleted; and footnote 1 is amended to read: "Intermediate values of 'S' may be obtained by interpolation."

c. The following Table 55.07-5 (a1) is added to subparagraph 55.07-5 (a) (1):

TABLE 55.07-5 (a1)—MULTIPLIER "M" VALUES<sup>1</sup>

Temperature ° F.	900 and below	950	1,000	1,050
Ferrous materials:				
Ferritic steels.....	0.8	1.0	1.4	1.4
Austenitic steels.....	0.8	0.8	0.8	0.8
Nonferrous materials.....	0.8			

<sup>1</sup> Intermediate values of "M" may be obtained by interpolation.

5. Section 55.07-6 is amended to read as follows:

§ 55.07-6 *Expansion and flexibility*.

(a) Piping systems shall be designed to have sufficient flexibility to prevent thermal expansion or contraction from causing excessive stresses in the piping material, excessive bending moments at the joints, or excessive forces or moments at points of connection to equipment or at anchorage and guide points.

(b) Provision shall be made for expansion and contraction by changes in direction of pipe runs or by the use of expansion bends, loops, offsets, or slip joints.

(c) Piping shall be installed to avoid excessive strains and shall be adequately supported by hangers or guides, so that the weight of the piping is not transmitted to valves and fittings, and the effects of vibrations, pitching and rolling of the vessel are minimized. Pipe supports shall be designed and arranged so as not to interfere with expansion and contraction of the piping and to insure that excessive forces and moments are not imposed on connected equipment. Anchors, pivots, and restraints shall be fabricated and installed to secure the desired points of piping in relatively fixed positions and freely permit expansion and contraction in opposite directions. Main junction points of piping subject to temperatures exceeding 450° F., which are not balance points, shall be fitted with fixed anchors. If considered as a balance point the junction point may be free to move in all directions, or may be guided to limit the movement in one or more directions if computations indicate excessive strain may occur in any of the branch pipes.

(d) A summary of the results of pipe stress calculations for the main and auxiliary steam piping where the design temperature exceeds 800° F., together with the arrangement piping drawings, shall be submitted for approval. Calculations shall be submitted for approval.

lations shall be made in accordance with one of the recognized methods of stress analysis acceptable to the Commandant.

(e) Stress calculations shall be made to determine the magnitude and direction of the forces and moments at all terminal connections, anchor and junction points, as well as the resultant bending stress, longitudinal pressure stress, torsional stress, and combined expansion stress at all such points. The location of the maximum combined stress shall be indicated in each run of pipe between anchor points. Dimensional properties of pipe and fittings shall be based on nominal dimensions.

(f) (1) The combined expansion stresses shall be calculated by the following formula:

$$S_c = \sqrt{S_t^2 + 4S_b^2} \quad (1)$$

where:

$S_c$  = combined expansion stress, in pounds per square inch.

$S_b = \frac{iM_b}{Z}$  = resultant bending stress, in pounds per square inch.

$S_t = \frac{M_t}{2Z}$  = torsional stress, in pounds per square inch.

$M_b$  = resultant bending moment, in inch-pounds.

$M_t$  = torsional moment, in inch-pounds.

$Z$  = section modulus of the pipe, cubic inches.

$i$  = stress intensification factor (see § 55.07-6 (g)).

(2) The calculations for the combined expansion stress,  $S_c$ , shall be based on 100 percent of the thermal expansion, using the modulus of elasticity at room temperature (cold condition). No credit will be allowed for cold pull in computing the combined expansion stress.

(3) The combined expansion stress shall not exceed the allowable stress range as determined by the following formula:

$$S_A = 1.25S_c + 0.25S_h \quad (2)$$

where:

$S_A$  = allowable stress range, in p. s. i.

$S_c$  = allowable stress in cold condition ( $S$  value given in Table 55.07-5 (a) for piping material at 650° F.) in p. s. i.

$S_h$  = allowable stress in hot condition ( $S$  value given in Table 55.07-5 (a) for piping material at design temperature), in p. s. i.

(4) The sum of the longitudinal stresses due to pressure, weight and other sustained external loadings shall not exceed  $S_h$ . Where the sum of these stresses is less than  $S_h$ , the difference between  $S_h$  and the sum may be added to the term  $0.25 S_h$  in formula (2).

(g) Stress intensification factors for pipe bends and elbows, moduli of elasticity, and coefficients of thermal expansion shall conform to the values as specified in the American Standard Code for Pressure Piping (ASA B31.1).

(h) (1) The reactions in the hot condition,  $R_h$ , and cold condition,  $R_c$ , shall be calculated by the following formulas:

$$R_h = (1 - \frac{1}{2}C) \frac{E_h R}{E_c} \quad (3)$$

(4)

$R_c = CR$  or  $(1 - \frac{S_h}{S_c} \times \frac{E_c}{E_h}) R$ , whichever is greater,

The value  $\frac{S_h}{S_c} \times \frac{E_c}{E_h}$  shall be less than unity.

where:

$R_c$  and  $R_h$  = maximum reactions estimated to occur in the cold and hot conditions, respectively, pounds.

$R$  = range of reactions obtained from the flexibility calculations corresponding to the full expansion range based on the modulus of elasticity at room temperature, pounds.

$C$  = cold spring factor varying from zero for no cold spring to one for 100 percent cold spring.

$S_c$  = maximum computed expansion stress.

$E_c$  = modulus of elasticity in cold condition. (See § 55.07-6 (g).)

$E_h$  = modulus of elasticity in hot condition. (See § 55.07-6 (g).)

(2) The reactions so computed shall not exceed the limits which the attached equipment can safely sustain.

(3) Cold spring may be taken into account in the calculations of the reactions in the hot and cold conditions: *Provided*, That, in the opinion of the Commandant, satisfactory provision is made to obtain the designed cold spring.

(i) Where it is desired to employ alloy steel pipe materials of better heat resistant properties than those specified in Part 51 of this subchapter, special consideration may be given by the Commandant for an increase in the maximum allowable stress range, if satisfactory evidence is furnished to establish the suitability of the material for the design temperature.

6. Section 55.07-10 (e) is amended to read as follows:

§ 55.07-10 *Valves and fittings*. \* \* \*

(e) Valves, flanges and fittings shall be marked in conformance with the requirements of MSS Standard SP-25-1954.<sup>1</sup>

7. Section 55.07-15 is amended by revising paragraph (b) and subparagraph (f) (3) to read as follows:

§ 55.07-15 *Joints and flange connections*. \* \* \*

(b) Slip-on flanges in sizes not exceeding 2" may be used without pressure limitations and for temperatures not exceeding 650 degrees F. Slip-on flanges in sizes exceeding 2" may be used for pressures not exceeding the service pressure temperature ratings for the 300-pound ASA Standard and for temperatures not exceeding 650 degrees F. Screwed joints for Class I piping are not permitted for pipe diameters exceeding 2".

(f) \* \* \*

(3) *Figure 55.07-15 (f) (3)*. Slip-on flanges in sizes exceeding 2" may be used for pressures not exceeding the service pressure temperature ratings for the 300-pound ASA standards and for temperatures not exceeding 650 degrees F. Slip-on flanges in sizes not exceeding 2"

<sup>1</sup>The "Standard Marking System for Valves, Fittings, Flanges and Union," SP-25-1954, is published by Manufacturers Standardization Society of the Valves and Fittings Industry, 420 Lexington Avenue, New York 17, New York.

may be used without pressure limitations and for temperatures not exceeding 650 degrees F.

8. Section 55.07-25 is amended by revising paragraph (c) and by adding a new paragraph (t), reading as follows:

§ 55.07-25 *Installation*. \* \* \*

(c) Where bilge or ballast piping are led through deep tanks means shall be provided to prevent the flooding of the compartments being served in the event of pipe leakage within the tanks. Such means may consist of an oiltight or watertight pipe tunnel, or the lines may be of Schedule 80 pipe thickness, fitted with expansion bends, and all joints within the tanks welded. Where a pipe tunnel is installed, the watertight integrity of the bulkheads shall be maintained and if the tunnel is not of sufficient size to afford easy access, no valve or fitting shall be located therein. Bilge lines led through deep tanks without a pipe tunnel shall be fitted with non-return valves at the bilge suction.

(t) Piping conveying oil shall be run well away from hot surfaces wherever possible. Where such leads are unavoidable, welded joints only shall be used, or alternatively suitable shields shall be fitted in the way of flanged or mechanical pipe joints when welded joints are not practicable.

#### SUBPART 55.10—PUMPING ARRANGEMENTS AND PIPING SYSTEMS

9. Section 55.10-1 is amended by adding a new paragraph (i), reading as follows:

§ 55.10-1 *Steam and exhaust piping*. \* \* \*

(i) Steam shore connections shall be fitted with a relief valve set at a pressure not exceeding the design pressure of the piping.

10. Section 55.10-30 (a) is amended in the following respects:

a. In "Table 55.10-30 (a)—Power Bilge Pumps required for Self-Propelled Vessels" footnote 2 is revised to read as follows:

"When the criterion numeral exceeds 30, an additional independent power driven bilge pump is required. (See Subpart 73.10 of Part 73 of Subchapter H (Passenger Vessels) of this chapter for determination of criterion numeral.)

b. The first sentence of § 55.10-30 (a) (2) is revised to read as follows:

§ 55.10-30 *Bilge pumps*—(a) *Self-propelled vessels*. \* \* \*

(2) On passenger vessels 300 feet or more in length engaged in international voyages, or on all passenger vessels on international voyages having a criterion numeral of 30 or more, one of the power bilge pumps shall be available at all times for use under emergency conditions in which a vessel may be flooded at sea. \* \* \*

11. Section 55.10-40 (b) (2) is amended to read as follows:

§ 55.10-40 *Fuel-oil service systems*. \* \* \*

(b) \* \* \*

(2) All auxiliary boilers, except those furnishing steam for vital equipment and

fire extinguishing purposes other than duplicate installations, may be equipped with a single fuel-oil service pump and single fuel-oil heater, and in addition such pumps need not be fitted with discharge strainers.

12. Section 55.10-45 (e) is amended to read as follows:

**§ 55.10-45 Gasoline fuel systems. \* \* \***

(e) *Outlets and drains.* Outlets in fuel lines for drawing gasoline for any purpose are prohibited. Valved openings in the bottom of fuel tanks are prohibited, however, openings fitted with threaded plug or cap may be used for cleaning purposes.

13. Section 55.10-50 (e) is amended to read as follows:

**§ 55.10-50 Diesel fuel systems. \* \* \***

(e) *Outlets and drains.* Outlets in fuel lines for drawing fuel or draining water from the fuel-oil system are not permitted in machinery spaces. Valved openings in the bottom of fuel tanks are prohibited, however, openings fitted with threaded plug or cap may be used for cleaning purposes.

14. Section 55.10-65 (c) is amended to read as follows:

**§ 55.10-65 Sounding pipes. \* \* \***

(c) The upper ends of sounding pipes terminating at the weather deck shall be closed by a screw cap or plug except that dry cargo carriers operating on the Great Lakes may have the sounding pipes which serve ballast water tanks terminate at least 4 inches above the deck and be closed by a tight fitting hinged cover making metal to metal contact with the hinge on the forward side. Positive means to secure these caps in the closed position shall be provided. No perforations or openings will be permitted throughout the length of a sounding pipe where fitted to oil tanks. Provision shall be made to prevent damage to the vessel's plating by the striking of the sounding rod.

(R. S. 4405, as amended, 4462, as amended, 46 U. S. C. 375, 416. Interpret or apply R. S. 4399, as amended, 4400, as amended, 4417, as amended, 4417a, as amended, 4418, as amended, 4421, as amended, 4426-4431, as amended, 4433, as amended, 4434, as amended, 4453, as amended, 4491, as amended, sec. 14, 29 Stat. 690, as amended, 41 Stat. 305, as amended, 49 Stat. 1544, as amended, secs. 2, 3, 17, 54 Stat. 1028, as amended, 347, as amended, 166, as amended, sec. 3, 68 Stat. 675; 46 U. S. C. 361, 362, 391, 391a, 392, 399, 404-409, 411, 412, 435, 489, 366, 363, 367, 526p. 1333, 463a, 50 U. S. C. 198; E. O. 10402, 17 F. R. 9917, 3 CFR, 1952 Supp.)

**PART 56—ARC WELDING, GAS WELDING, AND BRAZING**

**SUBPART 56.01—ARC WELDING AND GAS WELDING**

1. Subpart 56.01 is amended by adding at the end thereof a new section, reading as follows:

**§ 56.01-85 Welded pipe fittings.** (a) Welded pipe fittings fabricated in conformance with the ASTM Standards shall be tested as required by the applicable specifications listed in Subpart 51.46 of this subchapter.

(b) Special fittings fabricated by welding which do not conform to ASTM Standards shall comply with the following requirements:

(1) *Sizes 2½ inches and below.* (i) The longitudinal joints of welded fittings may be fabricated by either gas or arc welding.

(ii) The first fitting of each size from the production line and at least one fitting from each lot of 100 or fraction thereof shall be flattened cold until the opposite walls meet without the weld(s) developing any cracks.

(iii) One fitting of each size from each lot of 100 or fraction thereof shall be subjected to a bursting pressure which shall be not less than that for a seamless drawn pipe of the same size and thickness produced from equivalent strength material, as determined by the Barlow formula. If this fitting fails to meet the prescribed test, the entire lot of fittings shall be rejected.

(2) *Sizes above 2½ inches.* (i) The longitudinal joints of welded pipe fittings shall be fabricated by arc welding.

(ii) For pressures exceeding 150 p. s. i., each fitting shall be radiographically examined as specified in § 56.05-5.

(iii) For pressures not exceeding 150 p. s. i., the first fitting of each size from the production line and at least one fitting of each size in each lot of 20 or fraction thereof shall be examined by radiography to insure that the welds are of acceptable quality.

(iv) One fitting of each size in each lot of 100 or fraction thereof shall be subjected to a bursting pressure which shall be not less than that for a seamless drawn pipe of the same size and thickness produced from equivalent strength material as determined by the Barlow formula. If this fitting fails to meet the prescribed test, the entire lot of fittings shall be rejected.

(3) *Welded joint.* Single welded butt joints without the use of backing strip may be employed in the fabrication of welded pipe fittings provided the radiographs indicate that complete penetration is obtained.

**SUBPART 56.05—TESTS AND INSPECTION**

2. Section 56.05-1 is amended by revising the text of paragraphs (b) and (c) to read as follows (Figure 56.05-1 (b) is not changed and remains in effect):

**§ 56.05-1 Test plates. \* \* \***

(b) Except as otherwise specified in this section, a test plate of the same grade and thickness as the shell plate being welded shall be attached to the shell plate on one end of the longitudinal joint of each drum as shown in Figure 56.05-1 (b), so that the edges of the test plate to be welded are a continuation of and duplication of the corresponding edges of the longitudinal joint. For attached test plates, the weld metal shall be deposited in the test plate welding groove continuously with the weld metal deposited in the groove of the longitudinal joint. The test plate material may be taken from any part of one or more plates of the same heat from which the plates were rolled that was used in the fabrication of the welded pressure vessel. As an alternate method, the In-

spector may permit the use of separate test plates, provided the same welding process, procedure, and technique employed in the fabrication of the longitudinal joint are used in welding the test plates.

(c) When a test plate is welded for the longitudinal joints, none is required for the circumferential joints or nozzles of the same drum, providing the welding process, procedure and technique are the same. When a drum has only circumferential joints, a separate test plate of the same material as that from which the shell was fabricated shall be welded as specified in paragraph (b) of this section.

(R. S. 4405, as amended, 4462, as amended, 46 U. S. C. 375, 416. Interpret or apply R. S. 4399, as amended, 4400, as amended, 4417, as amended, 4417a, as amended, 4418, as amended, 4421, as amended, 4426-4431, as amended, 4433, as amended, 4434, as amended, 4453, as amended, 4491, as amended, sec. 14, 29 Stat. 690, as amended, 41 Stat. 305, as amended, 49 Stat. 1544, as amended, secs. 2, 3, 17, 54 Stat. 1028, as amended, 347, as amended, 166, as amended, sec. 3, 68 Stat. 675; 46 U. S. C. 361, 362, 391, 391a, 392, 399, 404-409, 411, 412, 435, 489, 366, 363, 367, 526p. 1333, 463a, 50 U. S. C. 198; E. O. 10402, 17 F. R. 9917, 3 CFR, 1952 Supp.)

**PART 57—MAIN AND AUXILIARY MACHINERY**

**SUBPART 57.25—STEERING APPARATUS**

1. Section 57.25-35 is amended to read as follows:

**§ 57.25-35 Rudder stops and follow-up.** (a) Main power steering gear shall be provided with positive arrangements for stopping the gear before the rudder stops are reached. These arrangements shall be synchronized with the rudder stock or the position of the gear itself, rather than with the steering gear control system.

(b) Strong and effective rudder stops are to be fitted. Where adequate positive stops are provided within the gear, structural stops will not be required.

(c) Except as otherwise provided for in this paragraph, vessels having power steering shall have full follow-up device to control rudder movements when operated from the forward or after steering stations. Supplementary steering control not employing follow-up may also be provided from the bridge steering station. Follow-up controls at the after steering station will not be required when a completely separate and independent rudder angle indicator system is provided at that station.

2. Section 57.25-45 is amended to read as follows:

**§ 57.25-45 After steering station.** An after steering station shall be provided from which control of the steering gear can be effected by mechanical, hydraulic, electrical or other approved means. The after steering station shall be located on the after weather deck or other suitable location approved by the Commandant.

3. Subpart 57.25 is amended by inserting a new section to follow § 57.25-45, which is designated § 57.25-47, and reads as follows:

**§ 57.25-47 Controls and cables.** (a) Remote steering controls from the pilot-

house and after steering station shall be completely separate and independent systems so that failure of either system would not result in inability to steer the vessel by the other system.

(b) When more than one steering control is furnished in the pilothouse, each may be connected to a common control receiver in the steering gear compartment. The steering control from the after steering station shall be an additional independent system.

(c) The shafting, piping or electrical cable from the steering station controls located in the pilothouse to the steering gear shall be run as widely separated as practicable from the shafting, piping or electrical cable from the after steering station.

4. Section 57.25-55 (a) is amended to read as follows:

§ 57.25-55 *Special steering apparatus.* (a) Where no regular rudder is fitted and steering action is obtained by a change of setting of the propelling unit, auxiliary steering is not required, nor will the requirements of this subpart be generally applicable. Special consideration will be given by the Commandant for such installations.

(R. S. 4405, as amended, 4462, as amended, 46 U. S. C. 375, 416. Interpret or apply R. S. 4399, as amended, 4400, as amended, 4417, as amended, 4417a, as amended, 4418, as amended, 4421, as amended, 4426-4431, as amended, 4433, as amended, 4434, as amended, 4453, as amended, 4491, as amended, sec. 14, 29 Stat. 690, as amended, 41 Stat. 305, as amended, 49 Stat. 1544, as amended, secs. 2, 3, 17, 54 Stat. 1028, as amended, 347, as amended, 166, as amended, sec. 3, 68 Stat. 675; 46 U. S. C. 361, 362, 391, 391a, 392, 399, 404-409, 411, 412, 435, 489, 366, 363, 367, 526p, 1333, 463a, 50 U. S. C. 198; E. O. 10402, 17 F. R. 9917, 3 CFR, 1952 Supp.)

## PART 61—INSTALLATIONS, TESTS, INSPECTIONS, MARKINGS, AND OFFICIAL FORMS

### SUBPART 61.05—INSTALLATIONS

1. Section 61.05-15 is amended to read as follows:

§ 61.05-15 *Boiler uptakes.* (a) Where dampers are installed in the uptakes or funnels, the arrangement shall be such that it will not be possible to shut off the gas passages from the operating boilers.

(b) All main and auxiliary boilers shall be fitted with separate gas passages from each boiler.

### SUBPART 61.30—TESTS AND INSPECTION OF PIPING, VALVES AND FITTINGS

2. Section 61.30-5 is amended to read as follows:

§ 61.30-5 *Shop test.* (a) The manufacturer shall test all valves and pipe fittings, except pipe flanges, wrought steel welding fittings and welding necks, to a hydrostatic shell pressure as follows:

(1) For steam ratings:

(i) Bronze, malleable iron and cast iron—2 times the primary pressure rating marked on the valve or fitting.

(ii) Steel—The respective test pressure as prescribed in the American Standard for Steel Pipe Flanges and Flanged Fittings (ASA B16.5).

(2) For liquid or gas service not exceeding 150 degrees F.:

(i) Bronze or malleable iron—1½ times the secondary pressure rating marked on the valve or fitting.

(b) Special valves, such as manifolds, scuppers, seacocks and appurtenances, shall be tested to twice the design pressure stamped thereon.

(c) Special welded pipe fittings fabricated with a longitudinal joint which are not manufactured in conformance with the A. S. T. M. Standard specified in Subpart 51.46 of this subchapter shall be tested as required by § 56.01-35 of this subchapter.

(R. S. 4405, as amended, 4462, as amended, 46 U. S. C. 375, 416. Interpret or apply R. S. 4399, as amended, 4400, as amended, 4417, as amended, 4417a, as amended, 4418, as amended, 4421, as amended, 4426-4431, as amended, 4433, as amended, 4434, as amended, 4453, as amended, 4491, as amended, sec. 14, 29 Stat. 690, as amended, 41 Stat. 305, as amended, 49 Stat. 1544, as amended, secs. 2, 3, 17, 54 Stat. 1028, as amended, 347, as amended, 166, as amended, sec. 3, 68 Stat. 675; 46 U. S. C. 361, 362, 391, 391a, 392, 399, 404-409, 411, 412, 435, 489, 366, 363, 367, 526p, 1333, 463a, 50 U. S. C. 198; E. O. 10402, 17 F. R. 9917, 3 CFR, 1952 Supp.)

Dated: December 3, 1957.

[SEAL] A. C. RICHMOND,  
Vice Admiral, U. S. Coast Guard,  
Commandant.

[F. R. Doc. 57-10199; Filed, Dec. 11, 1957;  
8:45 a. m.]

## TITLE 47—TELECOMMUNICATION

### Chapter I—Federal Communications Commission

[Docket No. 12211; FCC 57-1327]

[Rules Amdts. 2-7 and 9-16]

### PART 2—FREQUENCY ALLOCATIONS AND RADIO TREATY MATTERS; GENERAL RULES AND REGULATIONS

#### PART 9—AVIATION SERVICES

#### MISCELLANEOUS AMENDMENTS

At a session of the Federal Communications Commission held at its offices in Washington, D. C., on the 5th day of December 1957:

The Commission having under consideration the amendment of § 9.912, Part 9—Aviation Services, to make additional frequencies available to the Civil Air Patrol; amendment of § 9.913 (a) to provide for operation of Civil Air Patrol land stations at temporary locations; and amendment of § 2.104 (a) (5), Part 2—Frequency Allocations and Radio Treaty Matters, General Rules and Regulations, to make the additional frequencies available for use by the Civil Air Patrol on a non-interference basis to government operations; and

It appearing that the effectiveness of Civil Air Patrol missions and training programs would be enhanced by permitting the operation of Civil Air Patrol land stations at temporary locations; and

It further appearing that notice of proposed rule making in the above-entitled matter was released on October 10, 1957; and

It further appearing that the notice, which made provision for filing of comments by November 15, 1957, was duly published in the FEDERAL REGISTER on October 15, 1957 (22 F. R. 8155); and

It further appearing that no comments were received in this proceeding; and

It further appearing that the authority for the issuance of this order is contained in sections 303 (c), (d), (f), (h), and (r) of the Communications Act of 1934, as amended:

It is ordered, That Parts 2 and 9 of the Commission's rules be amended, effective January 10, 1958, as set forth below.

It is further ordered, That the proceedings in Docket No. 12211 are hereby terminated.

(Sec. 4, 48 Stat. 1066, as amended; 47 U. S. C. 154. Interprets or applies sec. 303, 48 Stat. 1082, as amended; 47 U. S. C. 303)

Released: December 9, 1957.

FEDERAL COMMUNICATIONS  
COMMISSION,  
[SEAL] MARY JANE MORRIS,  
Secretary.

Amend Part 9 as indicated below:

1. Amend § 9.912 to read as follows:

§ 9.912 *Frequencies available.* The following frequencies are available for assignment to Civil Air Patrol land and mobile stations within the United States, its territories and possessions, except as otherwise provided in this section.

(a) 2374 kc, A-1, A-2, A-3 emission, 400 watts maximum power.

(b) 4467.5 kc, A-1, A-2, A-3 emission, 400 watts maximum power. Assignment of this frequency is limited to stations in the District of Columbia and the following States:

Alabama.	New Jersey.
Connecticut.	New York.
Delaware.	North Carolina.
Florida.	Pennsylvania.
Georgia.	Rhode Island.
Maine.	South Carolina.
Maryland.	Tennessee.
Massachusetts.	Vermont.
Mississippi.	Virginia.
New Hampshire.	West Virginia.

(c) 4507.5 kc, A-1, A-2, A-3 emission, 400 watts maximum power. This frequency is available for assignment to stations in all areas of the continental United States, except those listed in paragraph (b) of this section.

(d) 4585 kc, A-1, A-2, A-3 emission, 400 watts maximum power.

(e) 26620 kc, A-1, A-2, A-3 emission, 250 watts maximum power. Assignment of this frequency is limited to stations in the Territory of Hawaii.

(f) 143.91 Mc, A-1, A-2, A-3 emission, 10 watts maximum power. Assignment of this frequency is limited to stations in the continental United States.

(g) 148.14 Mc, A-2, A-3 emission, 50 watts maximum power.

2. Amend § 9.913 (a) to read as follows:

(a) Civil Air Patrol land stations may communicate with other land stations and mobile stations of the Civil Air Patrol. Such stations may be moved from the authorized location for temporary operation in the same general area for

short periods of time not to exceed 48 hours.

Amend Part 2 as indicated below:

1. Amend footnote US21 to the Table of Frequency Allocations, § 2.104 (a) (5), to read as follows:

US21 The use of the frequencies 26.62 Mc (in the Territory of Hawaii), 143.91 Mc (in the continental United States), and 148.14 Mc (in all areas) may be authorized to Civil Air Patrol land stations and Civil Air Patrol mobile stations on the condition that harmful interference will not be caused to Government stations.

2. Amend the appropriate portions of columns 5, 10, and 11 of the Table of Frequency Allocations to read as follows:

(5)	(6)	(7)	(8)	(9)	(10)	(11)
Band (Mc)					Frequency (Mc)	Nature of service, stations
26.48-26.95 (US17, US21).	-----	-----	-----	-----	26.62	Civil Air Patrol land, Civil Air Patrol mobile.
132-144 (US17, US21).	-----	-----	-----	-----	143.91	Civil Air Patrol land, Civil Air Patrol mobile.

[F. R. Doc. 57-10294; Filed, Dec. 11, 1957; 8:51 a. m.]

[Rules Amdt. 3-102; FCC 57-1331]

#### PART 3—RADIO BROADCAST SERVICES

##### CONELRAD ATTENTION SIGNAL, FOR EMERGENCY WEATHER WARNINGS

At a session of the Federal Communications Commission held at its offices in Washington, D. C., on the 5th day of December, 1957.

The Commission has under consideration requests by the United States Weather Bureau and Radio Stations KMOX, St. Louis, Missouri, and WOAI, San Antonio, Texas, that the Commission authorize the utilization of the CONELRAD Radio Alerting System for the dissemination of Emergency Weather Warnings by broadcast stations.

The rapid dissemination of information concerning hurricanes, tornadoes, and similar emergency weather conditions is essential to the protection of life and property. The utilization of

CONELRAD Attention Signals in conjunction with Emergency Weather Warnings would be significantly helpful in this regard, and at the same time would serve the public interest in enhancing the further development of the CONELRAD program. Accordingly, the Commission has concluded that its rules should be amended to authorize standard, FM, and television broadcast stations to employ the CONELRAD Attention Signals in connection with Emergency Weather Warnings as outlined below.

In light of the importance of the rules adopted herein to the safety of life and property and the fact that the rules afford broadcast stations the option of employing the CONELRAD Alerting System in conjunction with the dissemination of Emergency Weather Warnings, the Commission finds that notice and public procedure is unnecessary and would be contrary to the public interest. The Commission finds further that the public interest would be served by making the rules effective less than 30 days after publication in the FEDERAL REGISTER because of the importance in the safety of life and property.

Authority for the adoption of the rules is vested in the Commission under sections 303 (f), (g), (r), and 606 (c) of the Communications Act of 1934, as amended, and Executive Order No. 10312.

In view of the foregoing: *It is ordered*, That effective January 6, 1958, Part 3 of the Commission's rules and regulations is amended, as set out below.

(Sec. 4, 48 Stat. 1068, as amended; 47 U. S. C. 154. Interpret or apply sec. 303, 48 Stat. 1062, as amended; sec. 606, 65 Stat. 4087; 47 U. S. C. 303, 306; E. O. 10312, 16 F. R. 12452; 3 CFR, 1931 Supp.)

Released: December 9, 1957.

FEDERAL COMMUNICATIONS COMMISSION,

[SEAL] MARY JANE MORRIS,  
Secretary.

I. Part 3 of the Commission's rules and regulations is amended by the addition of the following sections:

§ 3.296 *Emergency weather warnings.* Upon receipt of notification of an Emergency Weather Warning of a condition of immediate danger to life and property from the United States Weather Bureau,

all standard broadcast stations may, at their option, during authorization hours of operation only, broadcast CONELRAD Attention Signals (two five second carrier breaks and fifteen seconds of 1,000 CPS tone) followed by the Emergency Weather Warning as outlined in CONELRAD Manual BC-3 (Revised), Appendix A.<sup>1</sup> Nothing herein shall be construed as authorizing a daytime only or limited time station to operate during unauthorized hours.

§ 3.296 *Emergency weather warnings.* Upon receipt of notification of an Emergency Weather Warning of a condition of immediate danger to life and property from the United States Weather Bureau, all FM broadcast stations may, at their option, broadcast CONELRAD Attention Signals (two five second carrier breaks and fifteen seconds of 1,000 CPS tone) followed by the Emergency Weather Warning as outlined in CONELRAD Manual BC-3 (Revised), Appendix A.<sup>1</sup>

§ 3.632 *Emergency weather warnings.* Upon receipt of notification of an Emergency Weather Warning of a condition of immediate danger to life and property from the United States Weather Bureau, all television broadcast stations may, at their option, broadcast CONELRAD Attention Signals two five-second carrier breaks and fifteen seconds of 1,000 CPS tone sound carrier only) followed by the Emergency Weather Warning as outlined in CONELRAD Manual BC-3 (Revised), Appendix A.<sup>1</sup>

§ 3.933 *Emergency weather warnings.* Upon receipt of notification of an Emergency Weather Warning of a condition of immediate danger to life and property from the United States Weather Bureau, all standard, FM, and television broadcast stations may, at their option, during authorized hours of operation only, broadcast the CONELRAD Attention Signals in connection therewith, as provided in §§ 3.90, 3.296, and 3.632, respectively, and as outlined in CONELRAD Manual BC-3 (Revised), Appendix A.<sup>1</sup> Nothing herein shall be construed as permitting a standard broadcast station licensed to operate daytime only or limited time, to operate during unauthorized hours.

[F. D. Doc. 57-10295; Filed, Dec. 11, 1957; 8:51 a. m.]

## PROPOSED RULE MAKING

### DEPARTMENT OF LABOR

#### Division of Public Contracts

##### [ 41 CFR Part 202 ]

##### MINIMUM WAGE DETERMINATIONS

##### NOTICE OF PUBLIC HEARING ON WHETHER TO AMEND DETERMINATION OF PREVAILING MINIMUM WAGES FOR BITUMINOUS COAL INDUSTRY

This matter is before the Department pursuant to the act of June 30, 1936 (40 No. 240—5

Stat. 2036, as amended; 41 U. S. C. 35-40) known as the Walsh-Healey Public Contracts Act. In accordance with that act I made and published in the FEDERAL REGISTER on October 26, 1955, a determination of the prevailing minimum wages for the bituminous coal industry (20 F. R. 5844; 41 CFR 202.51). That determination contains, inter alia, a definition of the Bituminous Coal Industry, a description of the areas of production, and a listing of the prevailing minimum wages required by the act to be paid to persons employed in the production of

bituminous coal pursuant to contracts subject to the act.

I have received a petition dated October 24, 1956, from representatives of management and labor within the bituminous coal industry, requesting that I redetermine the prevailing minimum wages for this industry. As grounds for the request, the petitioners state that contracts negotiated through collective bargaining, to which they are parties, have resulted in increases in the wages

<sup>1</sup> Filed as part of the original document.



of persons employed in the industry; and therefore, petitioners aver there has been an increase in the prevailing minimum wages which should be reflected in an upward revision of the wages determined to be prevailing in October 1955.

Now, therefore, notice is hereby given that a public hearing on amendment of the determination of the prevailing minimum wages in the bituminous coal industry will be held before the Secretary of Labor or a designated hearing examiner on February 3, 1956, beginning at 10:00 a. m. in Conference Room B, Departmental Auditorium, Fourteenth Street and Constitution Avenue NW., Washington, in the District of Columbia.

For the purposes of this hearing the bituminous coal industry is defined as that industry is defined in the present determination contained in the Department of Labor Regulations, Title 41, Code of Federal Regulations, § 202.51 (20 F. R. 8047) which became effective November 25, 1955. That definition is: The bituminous coal industry is defined as that industry which produces or furnishes all coal (including lignite) except Pennsylvania anthracite. "Produces or furnishes" includes mining or other extraction, and the loading, screening, sizing, washing, oiling and other preparation of bituminous coal, and activities incidental to these operations. The term "preparation of bituminous coal" does not include any activities performed at Great Lakes or tidewater docks.

At the hearing official notice will be taken of the present existence of the facts found in the proceeding culminating in the October 1955 determination, particularly those facts contained in the proposed determination published on August 6, 1955 (20 F. R. 5690) and in the final determination published on October 26, 1955 (20 F. R. 8044), which pertain to: The definition of the industry, the geographical areas of production, the pattern of government procurement of the commodity, and the job classifications of covered workers and those not covered. Interested persons will have opportunity to demonstrate the contrary at the hearing.

As no prevailing minimum wage survey has been conducted by the Department of Labor in this industry and no official notice will be taken of what the prevailing minimum wages are, petitioners and other interested persons are particularly invited to submit at the hearing evidence showing the minimum wages paid in this industry.

All interested persons may appear at the time and place specified herein and submit data, views, and arguments as to (1) the propriety of the current definition of the industry; (2) what are the prevailing minimum wages for the industry; (3) the propriety of the current areas of production found in the present determination for this industry; and (4) the propriety of the present determination with respect to any of its provisions.

Persons intending to appear are requested to notify the Administrator of the Wage and Hour and Public Contracts Divisions of their intention in advance of the hearing.

Written statements of position or argument may be filed in quadruplicate with the Chief Hearing Examiner, United States Department of Labor, Washington, D. C., at any time prior to the date of the hearing by interested persons who cannot appear personally. Any such statement shall include the reason or reasons for non-appearance. Such statements as contain factual matter should be sworn to and may be received in evidence by the Hearing Examiner presiding at the hearing.

The following information is particularly invited with respect to the subject matter of the testimony of each witness or the sworn statements of persons who cannot appear personally: (1) The number of workers covered in the presentation; (2) the number and location of establishments and the annual tonnage of coal produced; (3) the minimum wages paid, the number of workers receiving such wages and the occupations in which these workers are found; and (4) the extent to which there is competition in this industry between different establishments in different geographical areas. To the extent possible data should be submitted in such manner as to permit evaluation thereof on an establishment by establishment or a company by company basis.

This hearing shall be conducted pursuant to the rules of practice set forth in Part 203, Subpart C, of Title 41 of the Code of Federal Regulations.

Signed at Washington, D. C., this 6th day of December 1957.

JAMES P. MITCHELL,  
Secretary of Labor.

[F. R. Doc. 57-10307; Filed, Dec. 11, 1957;  
8:53 a. m.]

## FEDERAL COMMUNICATIONS COMMISSION

### [ 47 CFR Part 3 ]

[Docket No. 12262; FCC 57-1324]

TELEVISION BROADCAST STATIONS  
(GALVESTON-HOUSTON, TEXAS)

#### NOTICE OF PROPOSED RULE MAKING

1. Notice is hereby given of rule making in the above-entitled matter.

2. The Commission has before it for consideration a petition filed on October 24, 1957, by Gulf Television Corporation, licensee of Station KGUL-TV on Channel 11, at Galveston, Texas, requesting rule making to amend § 3.606 *Table of assignments*, Television Broadcast Stations, to shift Channel 11 from Galveston to Houston, Texas, as follows:

City	Channel No.	
	Present	Proposed
Galveston, Tex.	11+, 35-, 41-, *47-	35-, 41-, *47-
Houston, Tex.	2-, *8, 13-, 23+, 29-, 39.	2-, *8, 11+, 13-, 23+, 29-, 39-.

3. Gulf Television also requests the Commission to modify its license for Station KGUL-TV to specify operation on

Channel 11+ at Houston in lieu of Galveston.

4. Gulf Television urges that the Muskogee-Tulsa case in Docket 11966 presented facts virtually identical to those respecting the Houston-Galveston television situation, and that adoption of its instant proposal is required for the same reasons that the Commission found in the Tulsa-Muskogee case that reassignment of the VHF channel in the smaller community of Muskogee to the larger, neighboring community of Tulsa would improve opportunities for effective competition among a greater number of stations. Petitioner submits that the relative size, location and television services of Galveston and Houston are similar to those of Muskogee and Tulsa; that Galveston, with a population of 66,568, is one-tenth the size of Houston, with a population of 596,163, and the two communities are 21.5 miles apart; whereas, Muskogee, with a population of 37,289, is one-sixth the size of Tulsa, with a population of 182,740, and these communities are 37.5 miles apart; and that, as was the case in Muskogee and Tulsa, the VHF station in the smaller community of Galveston must compete with the two VHF stations operating in the larger community of Houston for audience, revenues and programming. Gulf Television alleges that its Galveston station and the two Houston stations serve substantially the same market; that the Houston city population constitutes more than 50 percent of the total population within the Grade B contours of all three stations, while the Galveston city population is only 5.9 percent of the total population within the Grade B contours of any of them; that its Galveston station depends upon Houston for audience and revenues to a greater extent than the Muskogee station depended upon Tulsa for audience and revenues; and that a Galveston station cannot exist on revenues from Galveston alone and must look to network, national, Houston and regional advertisers as its principal sources of revenue.

5. Gulf Television contends that KGUL-TV at Galveston is under much the same arbitrary disadvantage in competing with the Houston stations as the Commission found the Muskogee station to be in competing with the Tulsa stations; that KGUL-TV is handicapped in overcoming the resistance of advertisers to placing orders on a station not identified with the principal Houston audience it serves and in competing with the Houston stations in regard to local originations; that this disadvantage would be eliminated if Channel 11 is reassigned to Houston and KGUL-TV could maintain its principal studio in the larger Houston community; that the reassignment of Channel 11 to Houston would comply with all Commission rules; and that making Station KGUL-TV a Houston station would not require any changes in existing transmitter facilities and would not deprive Galveston of television service. Petitioner urges that adoption of its proposal would enhance opportunities for fully effective and comparable competition among the stations



in the Houston-Galveston area and would conform to the allocations policy enunciated by the Commission in the Muskogee-Tulsa and other cases; that it would result in a far more effective use of Channel 11; and that it would permit KGUL-TV to improve its programming and to make fuller use of the greater programming resources of Houston while at the same time meeting the needs of Galveston. Petitioner states that if its proposal is adopted, it will maintain such programming and technical personnel and local offices and auxiliary studios in Galveston as are necessary to serve the city's programming and advertising needs; that it will continue to solicit local advertising and to maintain a favorable local rate for Galveston; and that it intends to identify Station KGUL-TV on the air as a "Houston-Galveston" station.

6. The Commission is of the view that a rule making proceeding should be instituted in this matter in order that in-

terested parties may submit their views and relevant data.

7. Any interested party who is of the view that the proposed amendment should not be adopted, or should not be adopted in the form set forth herein, may file with the Commission on or before January 3, 1958, a written statement setting forth his comments. Comments supporting the proposed amendment may also be filed on or before the same date. Comments in reply to original comments may be filed within 10 days from the last date for reply to original comments. No additional comments may be filed unless (1) specifically requested by the Commission or (2) good cause for the filing of such additional comments is established.

8. Authority for the adoption of the amendment proposed herein is contained in Sections 4 (j), 301, 303 (c), (d), (f), (r), 307 (b) and 316 (a) of the Communications Act of 1934, as amended, and section 4 of the Administrative Procedure Act.

9. Gulf Television Corporation is presently authorized to operate on Channel 11 at Galveston and the rule making proposed herein would shift this frequency to Houston. In the event the Commission decides to amend the rules as proposed, the Commission will determine what further steps should be taken in light of this outstanding authorization.

10. In accordance with the provisions of § 1.764 of the rules, an original and 14 copies of all written comments and statements shall be furnished the Commission.

Adopted: December 5, 1957.

Released: December 9, 1957.

FEDERAL COMMUNICATIONS  
COMMISSION,<sup>1</sup>

[SEAL] MARY JANE MORRIS,  
Secretary.

[F. R. Doc. 57-10296; Filed, Dec. 11, 1957;  
8:51 a. m.]

## NOTICES

### DEPARTMENT OF AGRICULTURE

#### Agricultural Marketing Service

##### CANNED CONCENTRATED ORANGE JUICE

##### PURCHASE PROGRAM YMP 135A

In order to encourage the domestic consumption of oranges by diverting them from the normal channels of trade and commerce in accordance with section 32, Public Law 320, 74th Congress, approved August 24, 1935, as amended, the Agricultural Marketing Service offers to purchase canned concentrated orange juice, packed from 1957-58 crop oranges, for use in school lunch programs. Details and specifications of the offer to purchase are contained in Concentrated Orange Juice Announcement FV-254 issued by the Department. Purchases will depend upon the quantities and prices offered and the supplies which can be used in school lunch programs during the current school year. Information concerning this purchase program may be obtained from Mr. M. F. Miller, Fruit and Vegetable Division, Agricultural Marketing Service, U. S. Department of Agriculture, Florida Citrus Mutual Building, Lakeland, Florida, or the Fruit and Vegetable Division, Agricultural Marketing Service, U. S. Department of Agriculture, Washington 25, D. C.

(Sec. 32, 49 Stat. 774, as amended, 7 U. S. C. 612c)

Dated: December 6, 1957.

[SEAL] FLOYD F. HEDLUND,  
Acting Director, Fruit and Vegetable Division, Agricultural Marketing Service.

[F. R. Doc. 57-10312; Filed, Dec. 11, 1957;  
8:54 a. m.]

[P. & S. Docket No. 425]

#### SIoux CITY STOCK YARDS Co.

##### PETITION FOR MODIFICATION OF RATE ORDER

Pursuant to the provisions of the Packers and Stockyards Act, 1921, as amended (7 U. S. C. 181 et seq.), an order was issued on May 29, 1957 (16 A. D. 418), authorizing the respondent, The Sioux City Stock Yards Company, Sioux City, Iowa, to assess the current schedule of rates and charges to and including June 1, 1959, unless modified or extended by further order before the latter date.

By a petition filed on November 22, 1957, the respondent requested authority to make certain changes in its current schedule of rates and charges and requested that the current schedule, as so modified, be continued in effect to and including December 31, 1959, unless changed by further order before that date. The proposed modifications are set forth below.

##### YARDAGE CHARGES

	Present rate per head		Proposed rate per head	
	Salable receipts	Direct receipts	Salable receipts	Direct receipts
Cattle.....	\$0.80	\$0.40	\$0.83	\$0.42
Calfs.....	.47	.24	.49	.25
Hogs.....	.20	.15	.31	.16

##### CLEANING, WASHING AND DISINFECTING TRUCKS AND TRAILERS

	Present charges, trucks or trailers	Proposed charges	
		Straight trucks	Trailers
Cleaning.....	\$1.00	\$0.75	\$1.50
Cleaning and washing..	1.50	1.00	2.00
Disinfecting.....	.50	.50	.75

The modifications, if authorized, will produce additional revenue for the respondent and increase the cost of marketing livestock. Accordingly, it appears that this public notice of the filing of the petition and its contents should be given in order that all interested persons may have an opportunity to indicate a desire to be heard in the matter.

All interested persons who desire to be heard in the matter shall notify the Hearing Clerk, United States Department of Agriculture, Washington 25, D. C., within 15 days after the publication of this notice.

Done at Washington, D. C., this 9th day of December 1957.

[SEAL] DAVID M. PETTUS,  
Director,  
Livestock Division,  
Agricultural Marketing Service.

[F. R. Doc. 57-10310; Filed, Dec. 11, 1957;  
8:53 a. m.]

[P. & S. Docket No. 1211]

#### SAINT PAUL UNION STOCKYARDS Co.

##### PETITION FOR MODIFICATION OF RATE ORDER

Pursuant to the provisions of the Packers and Stockyards Act, 1921, as amended (7 U. S. C. 181 et seq.), an order was issued on January 18, 1957 (16 A. D. 17), authorizing the respondent, Saint Paul Union Stockyards Company, South St. Paul, Minnesota, to assess the current schedule of rates and charges to and including March 31, 1958, unless changed by further order before the latter date.

By a petition filed on November 22, 1957, the respondent requested authority to make certain changes in its current

<sup>1</sup> Commissioner Lee dissenting.

schedule of rates and charges and requested that such current schedule, as so modified, be continued in effect to and including December 31, 1959, unless changed by further order before that date. The proposed modifications are set forth below.

## YARDAGE CHARGES

	Present rate per head		Proposed rate per head	
	Salable receipts	Direct receipts	Salable receipts	Direct receipts
Bulls.....	\$1.60	\$0.75	\$1.60	\$0.80
Other cattle.....	.00	.48	1.05	.53
Calves.....	.63	.29	.61	.31
Hogs.....	.33	.17	.35	.18
Sheep.....	.10	.10	.20	.10

The modifications, if authorized, will produce additional revenue for the respondent and increase the cost of marketing livestock. Accordingly, it appears that this public notice of the filing of the petition and its contents should be given in order that all interested persons may have an opportunity to indicate a desire to be heard in the matter.

All interested persons who desire to be heard in the matter shall notify the Hearing Clerk, United States Department of Agriculture, Washington 25, D. C., within 15 days after the publication of this notice.

Done at Washington, D. C., this 9th day of December 1957.

[SEAL] DAVID M. PETTUS,  
*Director,*  
*Livestock Division,*  
*Agricultural Marketing Service.*

[F. R. Doc. 57-10311; Filed, Dec. 11, 1957;  
8:54 a. m.]

## Office of the Secretary

## ALABAMA

DESIGNATION OF AREA FOR PRODUCTION  
EMERGENCY LOANS

For the purpose of making production emergency loans pursuant to section 2 (a) of Public Law 38, 81st Congress (12 U. S. C. 1148a-2 (a)), as amended, it has been determined that in the following counties in the State of Alabama a production disaster has caused a need for agricultural credit not readily available from commercial banks, cooperative lending agencies, or other responsible sources,

## ALABAMA

Cherokee,	Fayette.
Colbert,	Houston.
Covington,	Lamar.
De Kalb,	St. Clair.

Pursuant to the authority set forth above, production emergency loans will not be made in the above-named counties after December 31, 1958, except to applicants who previously received such assistance and who can qualify under established policies and procedures.

Done at Washington, D. C., this 6th day of December 1957.

[SEAL] TRUE D. MORSE,  
*Acting Secretary.*

[F. R. Doc. 57-10240; Filed, Dec. 11, 1957;  
8:45 a. m.]

## CIVIL AERONAUTICS BOARD

[Docket No. 8680]

WORLD WIDE AIRLINES, INC.;  
ENFORCEMENT CASE

## NOTICE OF ORAL ARGUMENT

Notice is hereby given, pursuant to the provisions of the Civil Aeronautics Act of 1938, as amended, that oral argument in the above-entitled proceeding is assigned to be held on January 8, 1958, at 10:00 a. m., e. s. t., in Room 5042, Commerce Building, 14th Street and Constitution Avenue NW., Washington, D. C., before the Board.

Dated at Washington, D. C., December 9, 1957.

[SEAL] FRANCIS W. BROWN,  
*Chief Examiner.*

[F. R. Doc. 57-10308; Filed, Dec. 11, 1957;  
8:53 a. m.]

[Docket No. 8726]

EASTERN AIR LINES, INC.; ENFORCEMENT  
CASE

## NOTICE OF REASSIGNMENT OF HEARING

Notice is hereby given, pursuant to the provisions of the Civil Aeronautics Act of 1938, as amended, that hearing in the above-entitled application is assigned for January 8, 1958, at 10:00 a. m., e. s. t., in Room 5132, Commerce Building, 14th Street and Constitution Avenue NW., Washington, D. C., before Examiner William F. Cusick.

Dated at Washington, D. C., December 9, 1957.

[SEAL] FRANCIS W. BROWN,  
*Chief Examiner.*

[F. R. Doc. 57-10309; Filed, Dec. 11, 1957;  
8:53 a. m.]

## DEPARTMENT OF THE INTERIOR

## Bureau of Indian Affairs

MESCALERO INDIAN IRRIGATION PROJECT  
OPERATION AND MAINTENANCE CHARGES

A notice of intention to impose an annual assessment for the delivery of water on irrigable lands of the Mescalero Indian Reservation, New Mexico, was published in the FEDERAL REGISTER of March 19, 1957, 22 F. R. 53. Interested persons were invited to participate in establishing the assessment rate by presenting their views and arguments in writing to the Area Director, Bureau of Indian Affairs, Gallup, New Mexico. The views and arguments received have been

considered. The annual assessment rate as published is adopted as set forth below:

An annual assessment of \$5.90 against each acre of land on the Mescalero Indian Reservation, New Mexico, to which water can be delivered from the irrigation project works, shall be effective for the year 1958 and each year thereafter until further notice. The assessment shall be due and payable on or before March 1 of each year except that in cases of Indians farming their own lands who are unable to pay the assessment when due, water may be delivered to their land following certification by the Superintendent to the official in charge of the irrigation project that such Indian is financially unable to pay or that payment of assessment will be made from proceeds of crops by a given date, or will be paid from other designated sources as funds become available.

GLENN L. EMMONS,  
*Commissioner.*

DECEMBER 6, 1957.

[F. R. Doc. 57-10244; Filed, Dec. 11, 1957;  
8:45 a. m.]

## Bureau of Land Management

## ALASKA

NOTICE OF PROPOSED WITHDRAWAL AND  
RESERVATION OF LANDS

The Department of Territorial Police has filed an application, Serial No. Anchorage 039847, for the withdrawal of the lands described below, from all forms of appropriation under the public land laws including the mining laws, but excepting provisions of the mineral leasing laws and the Materials Act. The applicant desires the land for use as an addition to the Glenn Allen Station.

For a period of 60 days from the date of publication of this notice, persons having cause may present their objections in writing to the undersigned official of the Bureau of Land Management, Department of the Interior, Box 480, Anchorage, Alaska.

If circumstances warrant it, a public hearing will be held at a convenient time and place, which will be announced.

The determination of the Secretary on the application will be published in the FEDERAL REGISTER. A separate notice will be sent to each interested party of record.

The lands involved in the application are:

GLENN ALLEN AREA

COPPER RIVER MERIDIAN

T. 4 N., R. 2 W. Sec. 24: Lot 14.  
Containing 5 acres.

EDWARD J. HOFFMANN,  
*Acting Operations Supervisor,*  
*Anchorage.*

[F. R. Doc. 57-10250; Filed, Dec. 11, 1957;  
8:46 a. m.]

## IDAHO

NOTICE OF PROPOSED WITHDRAWAL AND  
RESERVATION OF LANDS

NOVEMBER 12, 1957.

The Department of Agriculture has filed an application, Serial No. Idaho 07547, for the withdrawal of the lands described below, from all forms of appropriation under the General Mining Laws, subject to existing valid claims. The applicant desires the land for an administrative site.

For a period of thirty days from the date of publication of this notice, persons having cause may present their objections in writing to the undersigned official of the Bureau of Land Management, Department of the Interior, P. O. Box 2237, Boise, Idaho.

If circumstances warrant it, a public hearing will be held at a convenient time and place, which will be announced.

The determination of the Secretary on the application will be published in the FEDERAL REGISTER. A separate notice will be sent to each interested party of record.

The lands involved in the application are:

## PAYETTE NATIONAL FOREST

## BOISE MERIDIAN, IDAHO

## Warren Ranger Station House Lot Addition

T. 22 N., R. 6 E;

That portion of Section 12 described as follows: Commencing at corner number 3 of Warren Ranger Station House Lot, thence South 35°00' West along the Southeast boundary line of Warren Ranger House Lot 124.08 feet to corner number 4; thence South 35°00' West, 50.00 feet to corner number 5, thence South 48°45' East, 45.00 feet to corner number 6, thence North 41°36' East, 173.56 feet to corner number 7, thence North 49°15' West, 65.00 feet to corner number 3, the point of beginning, containing a total area of 0.22 acres, more or less.

J. R. PENNY,  
State Supervisor.

[F. R. Doc. 57-10251; Filed, Dec. 11, 1957;  
8:46 a. m.]

## IDAHO

NOTICE OF PROPOSED WITHDRAWAL AND  
RESERVATION OF LANDS

NOVEMBER 13, 1957.

The Department of Agriculture has filed an application, Serial No. Idaho 07702, for the withdrawal of the lands described below from all forms of appropriation under the General Mining Laws, subject to existing valid claims. The applicant desires the land for recreation areas.

For a period of thirty days from the date of publication of this notice, persons having cause may present their objections in writing to the undersigned official of the Bureau of Land Management, Department of the Interior, P. O. Box 2237, Boise, Idaho.

If circumstances warrant it, a public hearing will be held at a convenient time and place, which will be announced.

The determination of the Secretary on the application will be published in the FEDERAL REGISTER. A separate notice will be sent to each interested party of record.

The lands involved in the application are:

## BOISE NATIONAL FOREST

## BOISE MERIDIAN, IDAHO

## Warm Springs Creek Campground

T. 11 N., R. 7 E.,

Sec. 16, SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ .

Total area: 10 acres.

## Deer Flat Campground

T. 13 N., R. 8 E.,

Sec. 31, W $\frac{1}{2}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , SW $\frac{1}{4}$ , SW $\frac{1}{4}$ .

T. 12 N., R. 8 E.,

Sec. 6, N $\frac{1}{2}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ .

Total area: 60 acres.

## Dagger Falls Campground

T. 14 N., R. 10 E.,

Sec. 30, N $\frac{1}{2}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ ;Sec. 19, S $\frac{1}{2}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ .

Total area: 40 acres.

J. R. PENNY,  
State Supervisor.

[F. R. Doc. 57-10252; Filed, Dec. 11, 1957;  
8:46 a. m.]

## IDAHO

NOTICE OF PROPOSED WITHDRAWAL AND  
RESERVATION OF LANDS

NOVEMBER 14, 1957.

The Department of Agriculture has filed an application, Serial No. Idaho 07884, for the withdrawal of the lands described below, from all forms of appropriation under the General Mining Laws. The applicant desires the land for a recreation site.

For a period of thirty days from the date of publication of this notice, persons having cause may present their objections in writing to the undersigned official of the Bureau of Land Management, Department of the Interior, P. O. Box 2237, Boise, Idaho.

If circumstances warrant it, a public hearing will be held at a convenient time and place, which will be announced.

The determination of the Secretary on the application will be published in the FEDERAL REGISTER. A separate notice will be sent to each interested party of record.

The lands involved in the application are:

## TARGHEE NATIONAL FOREST

## BOISE MERIDIAN, IDAHO

## Burns Creek Dam Recreation Area

T. 3 N., R. 41 E.,

Sec. 12: Unpatented portions of Lots 4, 5, N $\frac{1}{2}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$ .

T. 3 N., R. 42 E.,

Sec. 1: Lots 1, 2, N $\frac{1}{2}$ SE $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ SE $\frac{1}{4}$ ;Sec. 2: W $\frac{1}{2}$ SW $\frac{1}{4}$ ;Sec. 3: E $\frac{1}{2}$ SE $\frac{1}{4}$ ;Sec. 4: Lots 7, 8, N $\frac{1}{2}$ SW $\frac{1}{4}$ , unpatented portion of SE $\frac{1}{4}$ ;

Sec. 5: Lots 6, 7, unpatented portion of Lots 5, 11;

Sec. 6: Unpatented portion of SE $\frac{1}{4}$ ;Sec. 7: Lots 1, 2, 3, NE $\frac{1}{4}$ NW $\frac{1}{4}$ , unpatented portion of Lot 4;

Sec. 9: Lots 4, 5, 8, 9, 10;

Sec. 10: Lots 1, 2, 3, 4, 8, NE $\frac{1}{4}$ SE $\frac{1}{4}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NE $\frac{1}{4}$ ;Sec. 11: Lots 1, 3, E $\frac{1}{2}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , NW $\frac{1}{4}$ SW $\frac{1}{4}$ , NW $\frac{1}{4}$ NE $\frac{1}{4}$ , N $\frac{1}{2}$ NW $\frac{1}{4}$ ;Sec. 12: Lots 1, 2, W $\frac{1}{2}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ , NW $\frac{1}{4}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ SE $\frac{1}{4}$ ;

Sec. 13: Lots 1, 3, 4, 7, 8, 9, W $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NE $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$ .

T. 3 N., R. 43 E.,

Sec. 18: Lots 2, 4;

Sec. 19: Lots 1, 2, 4, 5, 8, W $\frac{1}{2}$ NE $\frac{1}{4}$ ;Sec. 29: SW $\frac{1}{4}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ NW $\frac{1}{4}$ , NW $\frac{1}{4}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ ;Sec. 30: Lots 1, 2, 6, 7, 12, E $\frac{1}{2}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ NE $\frac{1}{4}$ ;

Sec. 31: Lots 1, 9;

Sec. 32: Lots 1, 3, 4, 6, 7, NE $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$ , NW $\frac{1}{4}$ SE $\frac{1}{4}$ , W $\frac{1}{2}$ NE $\frac{1}{4}$ ;Sec. 33: S $\frac{1}{2}$ SW $\frac{1}{4}$ .

The approximate acreage covered by the withdrawal is 4323.00 acres.

J. R. PENNY,  
State Supervisor.

[F. R. Doc. 57-10253; Filed, Dec. 11, 1957;  
8:47 a. m.]

## IDAHO

NOTICE OF PROPOSED WITHDRAWAL AND  
RESERVATION OF LANDS

NOVEMBER 15, 1957.

The Department of Agriculture has filed an application, Serial No. Idaho 08357, for the withdrawal of the lands described below, from all forms of appropriation under the General Mining Laws, subject to existing valid claims. The applicant desires the land for research purposes.

For a period of thirty days from the date of publication of this notice, persons having cause may present their objections in writing to the undersigned official of the Bureau of Land Management, Department of the Interior, P. O. Box 2237, Boise, Idaho.

If circumstances warrant it, a public hearing will be held at a convenient time and place, which will be announced.

The determination of the Secretary on the application will be published in the FEDERAL REGISTER. A separate notice will be sent to each interested party of record.

The lands involved in the application are:

## BOISE NATIONAL FOREST

## BOISE MERIDIAN, IDAHO

## Boise Basin Experimental Forest, Bear Run Unit

T. 6 N., R. 5 E.,

Sec. 13, E $\frac{1}{2}$ E $\frac{1}{2}$ ;Sec. 24, E $\frac{1}{2}$ E $\frac{1}{2}$ , SW $\frac{1}{4}$ SE $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ .

T. 6 N., R. 6 E.,

Sec. 7, E $\frac{1}{2}$ SW $\frac{1}{4}$ , Lots 3 and 4;Sec. 18, W $\frac{1}{2}$ E $\frac{1}{2}$ , E $\frac{1}{2}$ W $\frac{1}{2}$ , Lots 1, 2, 3 and 4;Sec. 19, W $\frac{1}{2}$ E $\frac{1}{2}$ , E $\frac{1}{2}$ W $\frac{1}{2}$ , Lots 1, 2, 3 and 4.

Total area 1270 acres, more or less.

J. R. PENNY,  
State Supervisor.

[F. R. Doc. 57-10254; Filed, Dec. 11, 1957;  
8:47 a. m.]

## NEVADA

## CLASSIFICATION ORDER

1. Pursuant to the authority delegated to me by Bureau Order No. 541, dated April 21, 1954 (19 F. R. 2473), I hereby classify the following described public lands totaling 30 acres in White Pine County, Nevada as suitable for lease and

sale for residence and business purposes under the Small Tract Act of June 1, 1938 (52 Stat 609, 43 U. S. C. 682a), as amended:

NEVADA SMALL TRACT CLASSIFICATION No. 136

MOUNT DIABLO MERIDIAN

T. 13 N., R. 69 E.,

Sec. 11, E $\frac{1}{2}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ .

2. Classification of the above described lands by this order segregates them from all appropriation including location under the mining laws except as to applications under the Small Tract Act and applications under the mineral leasing laws.

3. The lands adjoin the Nevada National Forest approximately 5 miles west of Baker, Nevada along an improved paved road leading to Lehman Cave National Monument. The topography of this land is relatively flat with a gravelly sand type soil imbedded with numerous

boulders. Vegetation consists of pinon and juniper trees and sage. Culinary water can be developed from wells at a reasonable depth. Schools, stores and other public facilities are available in the town of Baker. There is no evidence of metalliferous or nonmetalliferous minerals.

4. The individual tracts vary in size from 2.5 acres to 5 acres and are all rectangular in shape. The appraisal value of the tracts varies from \$75.00 to \$100.00, as shown below. Right-of-way 33 feet in width for road purposes and for public utilities will be reserved as shown below. Rentals for those tracts classified for homesite purposes will be payable 3 years in advance, as shown below. Rental for business sites will conform to the requirements of the lease Form 4-776 with a minimum rental of \$20.00 per tract per year, payable in advance. All minerals in the land will be reserved to the United States.

Tract No.	Acreage	Advance rentals (3 years)	Rights-of-way (width location)	Appraised value	Tract description
1	3.75	\$30.00	25' S-E-W boundary-----	\$75.00	SW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ , N $\frac{1}{2}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ , N $\frac{1}{2}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ , W $\frac{1}{2}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ , E $\frac{1}{2}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ , E $\frac{1}{2}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ .
2	3.75	30.00	25' S-E-W boundary-----	75.00	
3	2.5	30.00	25' N-E-W boundary-----	75.00	
4	5	30.00	25' S-E-W boundary-----	75.00	
5	5	30.00	25' S-W boundary-----	75.00	
6	5	30.00	25' N-E-W boundary-----	100.00	
7	5	30.00	25' N-W boundary-----	100.00	

<sup>1</sup> Under application<sup>1</sup> from an individual having statutory preference. To obtain this preference these applicants must conform to the size and dimensions of the tracts as set forth in the above schedule. All preference applications are for 5 acres but are not oriented the same as the tracts in this classification order. Conformance by these applicants will make available for drawing two additional tracts.

5. Leases will be issued for a term of three years and will contain an option to purchase in accordance with 43 CFR 257.13. Lessees who comply with the general terms and conditions of their leases will be permitted to purchase their tracts at the prices listed above providing that during the period of their leases they either (a) construct the improvements specified in Paragraph 6 or (b) file a copy of an agreement in accordance with 43 CFR 257.13 (d). Leases will be renewable at the discretion of the Bureau of Land Management and the renewal lease will be subject to such terms and conditions as are deemed necessary in the light of the circumstances and the regulations existing at the time of renewal. However, a lease will not be renewable unless failure to construct the required improvements is justified under the circumstances and nonrenewal would work an extreme hardship on the lessee.

6. The improvements placed on the land must meet the following minimum requirements before purchase will be approved.

a. Building must be suitable for year-round habitation, must be neat and attractive and must be placed on a permanent foundation.

b. All buildings must be built in a workmanlike manner of attractive properly finished materials and may consist of wood or masonry construction.

c. All habitable rooms used for eating, sleeping, or living shall be provided with not less than one window with an area of not less than 12 feet square.

d. Every dwelling shall have not less than 2 rooms and one bathroom. Any

room designed for sleeping shall have a space of not less than 100 square feet. The bathroom shall be of sufficient size to accommodate the fixtures associated with this type of room.

e. The dwelling shall have a floor space of not less than 400 square feet.

f. There shall be at least two doors as a means of access to each dwelling unit.

g. All dwellings must be connected to a sewage disposal system in accordance with the requirements of the Nevada State Department of Health as to type, size and construction. No other type of sewage disposal will be permitted. For information relative to sanitary requirements the lessee may contact the Nevada State Department of Health at 325 West Street, Reno, Nevada. An applicant will be required to submit a certificate of approval signed by the proper authority of the Health Department.

h. Structures built to qualify for business sites must meet all of the above minimum requirements except as to the number of rooms, and in addition, must be applicable to the business that is to be conducted and have a presentable appearance.

7. Persons who have previously acquired a tract under the Small Tract Act are not qualified to secure a tract at the drawing unless they can make a showing satisfactory to the Bureau of Land Management that the acquisition of another tract is warranted in the circumstances.

8. The lands are now open to filing of drawing-entry cards (Form 4-775) only by persons entitled to veteran's preference. In brief, persons entitled to such

preference are (a) honorably discharged veterans who served in the armed forces of the United States for a period of at least 90 days after September 15, 1940, (b) surviving spouse or minor orphan children of such veterans, and (c) with the consent of the veteran, the spouse of living veterans. The 90-day requirement does not apply to veterans who were discharged on account of wounds or disability incurred in the line of duty or the surviving spouse or minor children of veterans killed in the line of duty. Drawing-entry cards (Form 4-775) are available upon request from the Manager, Land Office, 50 Ryland Street, P. O. Box 1551, Reno, Nevada.

Drawing-entry cards will be accepted if filled out in compliance with the instructions on the form and filed with the above-named official. A drawing will be held at a time to be announced for those tracts remaining after statutory preference-right claimants have made their selections of tracts in conformance with this order. At the time of announcement of the drawing, plats showing the location of each tract can be secured from the Manager of the Land Office, 50 Ryland Street, P. O. Box 1551, Reno, Nevada. Any person who submits more than one card will be declared ineligible to participate in the drawing.

9. All valid applications filed prior to 10:00 a. m. October 24, 1957 will be granted the preference-right provided for by 43 CFR 257.5 (a).

10. Inquiries concerning these lands shall be addressed to Manager, Land Office, P. O. Box 1551, Reno, Nevada, or Range Manager, Nevada Grazing District No. 4, P. O. Box 1289, Ely, Nevada.

E. R. GREENSLET,  
State Supervisor for Nevada.

DECEMBER 6, 1957.

[F. R. Doc. 57-10255; Filed, Dec. 11, 1957; 8:47 a. m.]

[Classification No. 137]

NEVADA

SMALL TRACT CLASSIFICATION; AMENDMENT

Effective December 3, 1957, paragraph 1 of Federal Register Document 57-9229 appearing on page 8962 of the issue for November 7, 1957 is hereby amended to read as follows:

1. Pursuant to the authority delegated to me by Bureau Order No. 541, dated April 21, 1954 (19 F. R. 2473), I hereby classify the following described public lands, totalling 720, acres in Clark County, Nevada, as suitable for lease and sale for residence purposes under the Small Tract Act of June 1, 1938 (52 Stat. 609, U. S. C. 682a), as amended:

MOUNT DIABLO MERIDIAN, NEVADA

T. 22 S., R. 58 E.,

Sec. 11, all;

Sec. 2, NW $\frac{1}{4}$ SW $\frac{1}{4}$ , NW $\frac{1}{4}$ SE $\frac{1}{4}$ .

E. R. GREENSLET,  
State Supervisor for Nevada.

DECEMBER 3, 1957.

[F. R. Doc. 57-10256; Filed, Dec. 11, 1957; 8:47 a. m.]

**Office of the Secretary**

**MENOMINEE INDIAN TRIBE OF WISCONSIN  
PROCLAMATION OF FINAL CLOSURE OF ROLLS**

Whereas, the Menominee Indian Tribe of Wisconsin has acted on all applications for enrollment with the Tribe and the Secretary of the Interior has made decisions on all appeals filed by individuals whose applications were disapproved by the Tribe, and

Whereas, a Final Roll of the Menominee Indian Tribe of Wisconsin has been prepared, and

Whereas, a Final Roll of the Menominee Indian Tribe of Wisconsin has been prepared, and

Now, therefore, I, Fred A. Senton, Secretary of the Interior, do hereby proclaim that the Final Roll of the Menominee Indian Tribe of Wisconsin is closed and no names may be added thereto.

Now, therefore, I, Fred A. Senton, Secretary of the Interior, do hereby proclaim that the Final Roll of the Menominee Indian Tribe of Wisconsin is closed and no names may be added thereto.

In witness whereof, I have hereunto set my hand and caused the seal of the Department of the Interior to be affixed this 26th day of November 1957.

**FRED A. SEATON,**  
*Secretary of the Interior.*

# FINAL ROLL--MENOMINEE TRIBE OF INDIANS OF WISCONSIN

Prepared pursuant to the provisions of the Act of June 17, 1951 (U.S. Stat. 259)

Final roll No.	1923 roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Achieve- ment Blood	Family relationship and remarks
1	1	Aaron, Louise (Caldwell)	10-22-1901	F	7/8	Widow.
2	2	Aaron, Theodore J.	2-11-1921	M	7/10	Single.
3	3	Aber, Kenneth	10-10-1901	M	1/10	Married.
4	4	Aber, Mattie E.	10-10-1901	F	1/32	Single.
5	5	Adams, Angelina (Lookaround)	1-12-1882	F	7/8	Widow.
6	6	Adams, Virginia	1-12-1882	F	7/8	Married.
7	7	Adams, Virginia	7-12-1913	M	5/16	Married.
8	8	Alex, Helen (Newman)	2-4-1932	F	3/8	Married.
9	9	Allen, Glenda (Dodge)	10-23-1931	F	5/8	Married.
10	10	Alloyay, Jane (Pamontcutt)	3-23-1918	F	10/32	Mother.
11	11	Alton, Ethelyn (Diekle)	8-17-1910	F	3/10	Married.
12	12	Ambler, Guy R.	12-0-1952	F	7/8	Son.
13	13	Ambler, Lucille (Kenote)	12-12-1923	F	7/8	Mother—Also see Stovall.
14	14	Ambler, Thomas G.	10-22-1933	M	7/10	Son.
15	15	Amob, Anthony	3-7-1950	M	3/8	Son.
16	16	Amob, Elizabeth A.	10-24-1948	F	3/8	Daughter.
17	17	Amob, Elizabeth A. (Vaupechick)	0-20-1902	F	3/2	Widow.
18	18	Amob, William J.	7-18-1920	F	3/4	Daughter.
19	19	Anmour, Mary Jane (Trucker)	0-12-1906	F	3/4	Mother.
20	20	Anmour, Ronald F.	0-21-1933	M	43/64	Single.
21	21	Anmour, Vido	4-11-1907	M	10/32	Married.
22	22	Anderson, Bernice (Sackatook)	1-14-1922	F	11/10	Married.
23	23	Anderson, Bruce Paul	1-20-1951	M	23/32	Ad/Son.
24	24	Anderson, Colette (Lowe)	2-12-1936	F	1/4	Married.
25	25	Anderson, Gregory J.	3-4-1960	M	23/32	Ad/Son.
26	26	Anderson, Kaslok	1906	M	1/2	Father n/k/a Fred Soy- mour.
27	27	Annamitta, Roger J.	5-28-1936	M	9/10	Single n/k/a Seymour.
28	28	Annamitta, William D.	7-27-1931	M	9/10	Single n/k/a Seymour.
29	29	Annamitta, William D.	7-27-1931	M	9/10	Single n/k/a Seymour.
30	30	Askenetio, Alexander	3-10-1922	M	20/32	Widow.
31	31	Askenetio, Alexander, Jr.	8-31-1941	F	20/64	Widow.
32	32	Askenetio, Barbara L.	8-31-1941	F	20/64	Widow.
33	33	Askenetio, David	8-2-1952	M	20/64	Widow.
34	34	Askenetio, Donald E.	4-17-1947	M	9/8	Widow.
35	35	Askenetio, Donald E.	4-17-1947	M	9/8	Widow.
36	36	Askenetio, Gregory P.	4-10-1944	M	7/8	Widow.
37	37	Askenetio, Joyce (Waytha)	0-6-1932	F	7/8	Widow.
38	38	Askenetio, Linda B.	0-20-1951	F	20/64	Widow.
39	39	Askenetio, Louisa (Vaupeoso)	7-27-1895	F	13/10	Widow.
40	40	Askenetio, Marylin	0-3-1939	F	20/32	Widow.
41	41	Askenetio, Pauline	0-28-1941	F	20/32	Widow.
42	42	Askenetio, Peter (Deconsed)	8-17-1954	M	20/64	Widow.
43	43	Askenetio, Peter (Deconsed)	4-10-1873	M	1/11	Widow.
44	44	Askenetio, Wendell N.	0-20-1910	M	20/64	Widow.
45	45	Avonchopay, Annette M.	3-20-1949	F	5/8	Widow.

FINAL ROLL--MENOMINEE TRIBE OF INDIANS OF WISCONSIN--Continued

Final roll No.	1954 roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Nemom- ine blood	Family relationship and remarks
46	48	Avonolopay, Frances (Pyawastit)	11-18-1924	F	1/2	Single.
47	49	Avonolopay, James A.	3-7-1914	M	5/8	Daughter.
48	50	Avonolopay, John	8-31-1913	M	3/4	Married.
49	51	Avonolopay, Leiley F.	1-22-1939	M	7/10	Married.
50	52	Avonolopay, Richard A.	8-0-1916	M	6/8	Married.
51	53	Avonolopay, Resa M.	4-0-1934	F	16/16	Married.
52	54	Avonolopay, Vernia J.	0-7-1953	F	6/8	Married.
53	55	Halley, Emerson	4-0-1923	M	1/2	Married.
54	56	Harkey, Elizabeth Ann	4-23-1919	F	31/61	Married.
55	57	Harnes, Beverly	8-0-1950	F	6/10	Married.
56	58	Harnes, Calvin J.	6-23-1951	M	6/10	Married.
57	59	Harnes, Eleanor (Webster)	0-27-1923	F	1/4	Married.
58	60	Harnes, John	8-22-1921	M	3/8	Married.
59	61	Harnes, John J.	4-22-1919	M	6/16	Married.
60	62	Harnes, Russell E.	8-13-1917	M	6/16	Married.
61	63	Hastina, Eliza (Peters)	0-10-1953	M	6/16	Married.
62	64	Hastina, Frances	2-30-1913	F	6/8	Married.
63	65	Hastina, Verlin	3-1-1911	M	6/16	Married.
64	66	Hastina, Victoria A.	12-17-1931	M	6/16	Married.
65	67	Hedqvist, Wilhelmiana (Pyawastit)	0-21-1946	F	6/16	Married.
66	68	Hedqvist, Cynthia (Widumacum)	10-5-1922	F	1/2	Married.
67	69	Hedqvist, Mary A.	8-27-1927	F	7/8	Married.
68	70	Hedqvist, Mary M. (Widumacum)	8-27-1927	F	7/8	Married.
69	71	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
70	72	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
71	73	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
72	74	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
73	75	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
74	76	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
75	77	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
76	78	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
77	79	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
78	80	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
79	81	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
80	82	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
81	83	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
82	84	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
83	85	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
84	86	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
85	87	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
86	88	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
87	89	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
88	90	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
89	91	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
90	92	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
91	93	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
92	94	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
93	95	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
94	96	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
95	97	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
96	98	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
97	99	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
98	100	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
99	101	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
100	102	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
101	103	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
102	104	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
103	105	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
104	106	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
105	107	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
106	108	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
107	109	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
108	110	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
109	111	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
110	112	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
111	113	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
112	114	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
113	115	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
114	116	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
115	117	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
116	118	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
117	119	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
118	120	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
119	121	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
120	122	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
121	123	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
122	124	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
123	125	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
124	126	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
125	127	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
126	128	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
127	129	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
128	130	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
129	131	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
130	132	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
131	133	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
132	134	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
133	135	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
134	136	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
135	137	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
136	138	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
137	139	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
138	140	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
139	141	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
140	142	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
141	143	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
142	144	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
143	145	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
144	146	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
145	147	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
146	148	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
147	149	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
148	150	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
149	151	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
150	152	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
151	153	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
152	154	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
153	155	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
154	156	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
155	157	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
156	158	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
157	159	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
158	160	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
159	161	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
160	162	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
161	163	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
162	164	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
163	165	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
164	166	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
165	167	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
166	168	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
167	169	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
168	170	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
169	171	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
170	172	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
171	173	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
172	174	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
173	175	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
174	176	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
175	177	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
176	178	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
177	179	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
178	180	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
179	181	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
180	182	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
181	183	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
182	184	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
183	185	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
184	186	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
185	187	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
186	188	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
187	189	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
188	190	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
189	191	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
190	192	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
191	193	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
192	194	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
193	195	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
194	196	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
195	197	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
196	198	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
197	199	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
198	200	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
199	201	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
200	202	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
201	203	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
202	204	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
203	205	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
204	206	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
205	207	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
206	208	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
207	209	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
208	210	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
209	211	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
210	212	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
211	213	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
212	214	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
213	215	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
214	216	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
215	217	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
216	218	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.
217	219	Hedqvist, Mary M. (Widumacum)	10-11-1927	F	7/8	Married.

FINAL ROLL—MEMORIAL TREE OF INDIANS OF WISCONSIN—Continued

Final roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Membership blood	Family relationship and remarks
193	Boyd, Sylvester T.	8-2-1915	M	3/8	Father.
204	Boyd, Theodore S.	8-13-1940	M	3/8	Son.
205	Boyd, Wesley	1-1-1931	M	9/16	Married.
206	Boyd, William	1-11-1931	F	19/32	Mother.
207	Boyd, Ida (Caldwell)	1-17-1931	F	19/32	Married.
208	Boyd, Maggie (Sackelook)	12-23-1931	F	11/16	Married.
209	Brisk, Della	10-11-1940	F	11/32	Daughter of Elma House.
210	Brisk, Evelyn (Fish)	5-14-1924	F	3/8	Mother.
211	Brisk, James	2-25-1906	M	3/8	Father.
212	Brisk, Jean M.	11-10-1941	M	11/32	Son of Elma House.
213	Brisk, Kenneth	3-21-1941	F	9/32	Daughter.
214	Brooks, Hazel (Kitteson)	12-6-1949	F	21/32	Daughter.
215	Brooks, Hazel (Kitteson)	2-21-1946	F	15/16	Mother.
216	Brooks, Jesse	9-7-1906	M	1/2	Father.
217	Brooks, Lawrence	4-12-1945	M	9/16	Son.
218	Brooks, Mary M.	7-24-1942	F	57/64	Daughter.
219	Brooks, Percy	2-20-1925	M	17/32	Single.
220	Brooks, Warren J.	7-21-1930	M	17/32	Married.
221	Brown, Anthony A.	8-0-1951	M	21/32	Son of Linus Brown Wau.
222	Brown, Arnold	7-5-1946	M	31/64	Son.
223	Brown, Cecelia (Kaquatosh)	12-30-1925	F	31/32	Mother.
224	Brown, Margaret A.	6-12-1950	F	31/64	Daughter.
225	Brown, Ronald A.	6-10-1950	M	11/32	Adopted son.
226	Brunette, Elizabeth (Pierce)	9-28-1937	F	39/64	Married.
227	Brunette, Gilbert O.	7-14-1951	M	43/64	Daughter.
228	Brunette, Joseph	7-24-1923	M	9/16	Married.
229	Brunette, Katherine (Sackelook)	4-18-1921	F	1/2	Single.
230	Brunette, Mary (Corn)	10-17-1925	F	25/32	Mother.
231	Brunette, Mary (Corn)	1-10-1900	F	7/8	Daughter.
232	Brunette, Mary (Corn)	7-12-1909	F	43/64	Married.
233	Brunette, Mary (Corn)	1-12-1909	F	3/8	Married.
234	Brunette, Mary (Corn)	12-28-1933	F	3/8	Married.
235	Brunette, Mary (Corn)	5-27-1948	F	27/64	Married.
236	Brunette, Mary (Corn)	7-5-1937	F	27/64	Married.
237	Brunette, Mary (Corn)	2-22-1946	F	27/64	Married.
238	Brunette, Mary (Corn)	6-15-1954	F	9/16	Married.
239	Brunette, Mary (Corn)	2-10-1947	F	9/16	Married.
240	Brunette, Mary (Corn)	6-12-1943	F	3/8	Married.
241	Brunette, Mary (Corn)	6-12-1943	F	3/8	Married.
242	Brunette, Mary (Corn)	2-24-1947	F	7/16	Married.
243	Brunette, Mary (Corn)	10-20-1900	F	25/64	Married.
244	Brunette, Mary (Corn)	10-20-1900	F	7/8	Married.
245	Brunette, Mary (Corn)	9-7-1951	F	3/8	Married.
246	Brunette, Mary (Corn)	6-23-1923	F	13/16	Married.
247	Brunette, Mary (Corn)	5-3-1952	F	3/4	Married.
248	Brunette, Mary (Corn)	10-24-1939	F	9/16	Married.
249	Brunette, Mary (Corn)	10-12-1914	F	3/4	Married.
250	Brunette, Mary (Corn)	1-30-1923	F	3/4	Married.
251	Brunette, Mary (Corn)	6-20-1933	F	13/16	Married.
252	Brunette, Mary (Corn)	12-23-1927	F	11/32	Married.
253	Brunette, Mary (Corn)	4-15-1930	F	9/16	Married.
254	Brunette, Mary (Corn)	3-23-1941	F	9/16	Married.
255	Brunette, Mary (Corn)	9-10-1902	F	7/8	Married.
256	Brunette, Mary (Corn)	2-2-1932	F	25/64	Married.
257	Brunette, Mary (Corn)	9-1-1927	F	7/16	Married.
258	Brunette, Mary (Corn)	2-1-1949	F	25/64	Married.
259	Brunette, Mary (Corn)	1-17-1932	F	9/8	Married.
260	Brunette, Mary (Corn)	11-23-1935	F	9/16	Married.
261	Brunette, Mary (Corn)	10-23-1910	F	15/32	Married.
262	Brunette, Mary (Corn)	9-23-1937	F	7/8	Married.
263	Brunette, Mary (Corn)	9-23-1939	F	7/8	Married.
264	Brunette, Mary (Corn)	8-18-1932	F	7/8	Married.
265	Brunette, Mary (Corn)	10-17-1941	F	7/8	Married.
266	Brunette, Mary (Corn)	11-0-1945	F	7/8	Married.
267	Brunette, Mary (Corn)	1-2-1948	F	7/8	Married.
268	Brunette, Mary (Corn)	1-2-1948	F	7/8	Married.
269	Brunette, Mary (Corn)	2-7-1954	F	3/4	Married.
270	Brunette, Mary (Corn)	11-23-1942	F	7/8	Married.
271	Brunette, Mary (Corn)	11-24-1903	F	Full	Married.
272	Brunette, Mary (Corn)	12-6-1937	F	7/8	Married.
273	Brunette, Mary (Corn)	12-21-1935	F	7/8	Married.
274	Brunette, Mary (Corn)	12-21-1935	F	7/8	Married.
275	Brunette, Mary (Corn)	9-20-1912	F	3/4	Married.
276	Brunette, Mary (Corn)	5-27-1944	F	7/8	Married.
277	Brunette, Mary (Corn)	2-1-1937	F	5/16	Married.
278	Brunette, Mary (Corn)	10-31-1919	F	11/32	Married.

FINAL ROLL—MEMORIAL TREE OF INDIANS OF WISCONSIN—Continued

Final roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Membership blood	Family relationship and remarks
125	Blundell, Rosa (Turner)	2-14-1928	F	23/64	Married.
126	Boedah, Rita (Wilber)	4-15-1927	F	12/64	Daughter.
127	Bogda, Beverly D.	4-12-1940	F	19/64	Daughter.
128	Bogda, Roger L.	5-21-1944	M	19/64	Daughter.
129	Bogda, Andrew (Frychette)	11-17-1935	M	3/8	Mother.
130	Bogda, Andrew (Frychette)	8-30-1932	M	3/8	Mother.
131	Bogda, Carole (Lave)	7-9-1933	F	1/4	Mother.
132	Bogda, Carole (Lave)	5-5-1934	F	11/32	Daughter.
133	Bogda, Deanna	4-7-1939	F	1/4	Single.
134	Bogda, Donald L.	1-30-1933	M	1/4	Single.
135	Bogda, Doris A.	9-7-1941	F	1/4	Single.
136	Bogda, Dorothy L.	4-6-1945	F	35/64	Daughter.
137	Bogda, Edith C.	1-9-1943	F	7/8	Daughter.
138	Bogda, Elizabeth A.	12-15-1950	F	3/8	Mother.
139	Bogda, Geraldine (Cota)	8-18-1912	F	31/32	Mother.
140	Bogda, Hilma (Moschert)	11-2-1925	F	11/32	Daughter.
141	Bogda, Ida M. (deceased)	12-19-1952	F	11/32	Single.
142	Bogda, Isaac J. (deceased)	12-23-1936	M	1/4	Single.
143	Bogda, James A.	10-8-1935	M	7/16	Single.
144	Bogda, Jane F.	3-20-1933	F	1/4	Single.
145	Bogda, John L.	11-1-1933	M	1/4	Single.
146	Bogda, Joseph E.	2-16-1929	M	7/16	Single.
147	Bogda, Joseph E.	5-29-1932	M	1/4	Single.
148	Bogda, Julius G.	12-6-1933	M	1/4	Single.
149	Bogda, Lorraine (Martin)	6-22-1928	F	6/8	Single.
150	Bogda, Lorraine (Martin)	6-30-1949	F	1/4	Single.
151	Bogda, Lorraine (Martin)	1-10-1946	F	1/4	Single.
152	Bogda, Lorraine (Martin)	2-27-1941	F	1/4	Single.
153	Bogda, Lorraine (Martin)	7-8-1913	F	1/8	Single.
154	Bogda, Lorraine (Martin)	6-7-1933	F	3/16	Single.
155	Bogda, Lorraine (Martin)	3-28-1917	F	3/16	Single.
156	Bogda, Lorraine (Martin)	1-30-1924	F	21/64	Single.
157	Bogda, Lorraine (Martin)	12-17-1932	F	31/64	Single.
158	Bogda, Lorraine (Martin)	12-8-1943	F	3/8	Single.
159	Bogda, Lorraine (Martin)	3-4-1920	F	3/8	Single.
160	Bogda, Lorraine (Martin)	7-22-1904	F	3/8	Single.
161	Bogda, Lorraine (Martin)	4-17-1930	F	6/8	Single.
162	Bogda, Lorraine (Martin)	2-2-1929	F	31/32	Single.
163	Bogda, Lorraine (Martin)	12-5-1943	F	19/32	Single.
164	Bogda, Lorraine (Martin)	4-14-1933	F	9/16	Single.
165	Bogda, Lorraine (Martin)	9-10-1929	F	9/16	Single.
166	Bogda, Lorraine (Martin)	2-12-1936	F	9/16	Single.
167	Bogda, Lorraine (Martin)	6-22-1919	F	3/4	Single.
168	Bogda, Lorraine (Martin)	8-25-1904	F	13/16	Single.
169	Bogda, Lorraine (Martin)	4-10-1954	F	40/64	Single.
170	Bogda, Lorraine (Martin)	4-2-1950	F	5/8	Single.
171	Bogda, Lorraine (Martin)	4-30-1937	F	19/32	Single.
172	Bogda, Lorraine (Martin)	2-23-1936	F	23/64	Single.
173	Bogda, Lorraine (Martin)	11-6-1905	F	1/2	Single.
174	Bogda, Lorraine (Martin)	0-13-1937	F	25/64	Single.
175	Bogda, Lorraine (Martin)	7-2-1937	F	25/64	Single.
176	Bogda, Lorraine (Martin)	3-23-1952	F	9/8	Single.
177	Bogda, Lorraine (Martin)	9-12-1952	F	7/16	Single.
178	Bogda, Lorraine (Martin)	12-10-1952	F	10/32	Single.
179	Bogda, Lorraine (Martin)	12-10-1952	F	40/64	Single.
180	Bogda, Lorraine (Martin)	12-10-1952	F	5/8	Single.
181	Bogda, Lorraine (Martin)	12-10-1952	F	5/8	Single.
182	Bogda, Lorraine (Martin)	12-10-1952	F	5/8	Single.
183	Bogda, Lorraine (Martin)	12-10-1952	F	5/8	Single.
184	Bogda, Lorraine (Martin)	12-10-1952	F	5/8	Single.
185	Bogda, Lorraine (Martin)	12-10-1952	F	5/8	Single.
186	Bogda, Lorraine (Martin)	12-10-1952	F	5/8	Single.
187	Bogda, Lorraine (Martin)	12-10-1952	F	5/8	Single.
188	Bogda, Lorraine (Martin)	12-10-1952	F	5/8	Single.
189	Bogda, Lorraine (Martin)	12-10-1952	F	5/8	Single.
190	Bogda, Lorraine (Martin)	12-10-1952	F	5/8	Single.
191	Bogda, Lorraine (Martin)	12-10-1952	F	5/8	Single.
192	Bogda, Lorraine (Martin)	12-10-1952	F	5/8	Single.
193	Bogda, Lorraine (Martin)	12-10-1952	F	5/8	Single.
194	Bogda, Lorraine (Martin)	12-10-1952	F	5/8	Single.
195	Bogda, Lorraine (Martin)	12-10-1952	F	5/8	Single.
196	Bogda, Lorraine (Martin)	12-10-1952	F	5/8	Single.
197	Bogda, Lorraine (Martin)	12-10-1952	F	5/8	Single.
198	Bogda, Lorraine (Martin)	12-10-1952	F	5/8	Single.
199	Bogda, Lorraine (Martin)	12-10-1952	F	5/8	Single.
200	Bogda, Lorraine (Martin)	12-10-1952	F	5/8	Single.
201	Bogda, Lorraine (Martin)	12-10-1952	F	5/8	Single.
202	Bogda, Lorraine (Martin)	12-10-1952	F	5/8	Single.



FINAL ROLL—MEMORIAL TRIBE OF INDIANS OF WISCONSIN—Continued

Final roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Memorial-see blood	Family relationship and remarks
367	Corn, Gail A.	6-7-1925	M	7/10	Father.
368	Corn, Gloria A.	9-2-1917	M	10/32	Son.
369	Corn, Gust P.	9-1-1930	M	3/4	Single.
370	Corn, Gust P.	9-1-1930	M	7/8	Father.
371	Corn, Gust P.	9-1-1930	M	41/61	Daughter of Mary O. Corn.
372	Corn, Gust P.	9-1-1930	M	23/32	Daughter of Margaret Corn.
373	Corn, Gust P.	9-1-1930	M	41/61	Daughter.
374	Corn, Gust P.	9-1-1930	M	7/8	Widower.
375	Corn, Gust P.	9-1-1930	M	7/8	Married.
376	Corn, Gust P.	9-1-1930	M	7/8	Single.
377	Corn, Gust P.	9-1-1930	M	7/10	Father.
378	Corn, Gust P.	9-1-1930	M	23/32	Daughter.
379	Corn, Gust P.	9-1-1930	M	7/10	Single d/a Leo Emroy
380	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
381	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
382	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
383	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
384	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
385	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
386	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
387	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
388	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
389	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
390	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
391	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
392	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
393	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
394	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
395	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
396	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
397	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
398	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
399	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
400	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
401	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
402	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
403	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
404	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
405	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
406	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
407	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
408	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
409	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
410	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
411	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
412	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
413	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
414	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
415	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
416	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
417	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
418	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
419	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
420	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
421	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
422	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
423	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
424	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
425	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
426	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
427	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
428	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
429	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
430	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
431	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
432	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
433	Corn, Gust P.	9-1-1930	M	7/10	Daughter.
434	Corn, Gust P.	9-1-1930	M	7/10	Daughter.

FINAL ROLL—MEMORIAL TRIBE OF INDIANS OF WISCONSIN—Continued

Final roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Memorial-see blood	Family relationship and remarks
280	Cardwell, Christine (Sackett)	2-11-1926	F	11/10	Mother.
281	Cardwell, Robert	8-25-1923	M	11/32	Son.
282	Cardwell, Rosemary O.	12-31-1916	F	11/32	Daughter.
283	Cardwell, Thomas J.	9-2-1931	M	11/32	Son.
284	Cardwell, Thomas J.	9-2-1931	M	7/10	Married.
285	Cardwell, Thomas J.	9-2-1931	M	25/32	Mother.
286	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
287	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
288	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
289	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
290	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
291	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
292	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
293	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
294	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
295	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
296	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
297	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
298	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
299	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
300	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
301	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
302	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
303	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
304	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
305	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
306	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
307	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
308	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
309	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
310	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
311	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
312	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
313	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
314	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
315	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
316	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
317	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
318	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
319	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
320	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
321	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
322	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
323	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
324	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
325	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
326	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
327	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
328	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
329	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
330	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
331	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
332	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
333	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
334	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
335	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
336	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
337	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
338	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
339	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
340	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
341	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
342	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
343	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
344	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
345	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
346	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
347	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
348	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
349	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
350	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.
351	Cardwell, Thomas J.	9-2-1931	M	25/32	Son.

FINAL ROLL—MENOMINEE TRIBE OF INDIANS OF WISCONSIN—Continued

Final roll No.	1955 roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Menominee blood	Family relationship and remarks
435	437	Crow, Joseph A.	4-3-1913	M	3/8	Married.
436	438	Crow, Kathleen M.	1-12-1950	F	5/8	Daughter.
437	439	Crow, Kendall Margaret	1-2-1947	F	5/8	Daughter.
438	440	Crow, LaFren	1-25-1940	F	9/16	Daughter.
439	441	Crow, Larry S.	1-7-1932	M	4/64	Son.
440	442	Crow, LaVonne E.	4-9-1947	F	9/16	Daughter.
441	443	Crow, Norma M.	4-30-1933	F	5/8	Daughter.
442	444	Crow, Marilyn J.	1-2-1937	F	7/8	Daughter.
443	445	Crow, Osa M.	5-23-1933	F	4/64	Father.
444	446	Crow, Richard A.	12-11-1932	M	4/64	Daughter.
445	447	Crow, Rochelle	8-17-1946	F	43/64	Daughter.
446	448	Crow, Saunders	8-11-1944	M	43/64	Daughter.
447	449	Crow, Shelby	5-22-1954	M	5/8	Daughter.
448	450	Crow, Sheldon L.	4-6-1933	M	43/64	Daughter.
449	451	Crow, Shirley	7-30-1952	F	7/8	Mother.
450	452	Crow, Stephen J.	8-29-1952	M	9/16	Son.
451	453	Crow, Stephen L.	7-29-1934	M	9/16	Son.
452	454	Crow, Vanila (Boyd)	12-14-1925	F	10/32	Mother.
453	455	Crow, Wanda (Warrington)	6-10-1921	F	3/8	Mother.
454	456	Cull, Barbara (Gauthier)	10-25-1928	F	5/32	Married.
455	457	Darr, Marjorie (Kenote)	9-3-1932	F	37/64	Married.
456	458	Davis, Albert W.	1-13-1903	M	3/8	Father a/k/a Bill.
457	459	Davis, Albert W.	4-22-1932	M	3/8	Married.
458	460	Davis, Anthony	7-31-1950	M	7/16	Married.
459	461	Davis, Arthur	4-13-1942	M	21/32	Daughter.
460	462	Davis, Catherine (Shawanoimita)	3-8-1914	F	13/16	Mother.
461	463	Davis, Elmer J.	8-3-1946	M	21/32	Son.
462	464	Davis, Elmer J.	8-3-1946	M	21/32	Son.
463	465	Davis, John E.	8-4-1904	M	7/8	Father.
464	466	Davis, John E.	2-30-1933	M	7/8	Single.
465	467	Davis, Mary (Fenns)	5-25-1930	F	7/8	Single.
466	468	Davis, Michael (Tepow)	10-6-1950	M	21/32	Mother.
467	469	Davis, Pauline	8-7-1933	F	21/32	Single.
468	470	Deer, Ida	6-10-1948	F	13/32	Daughter.
469	471	Deer, Joseph	5-8-1940	M	13/32	Daughter.
470	472	Deer, Joseph, Jr.	4-22-1908	M	13/32	Son.
471	473	Deer, Marceline (Dodge)	4-8-1937	F	5/8	Married.
472	474	Deer, Robert	9-8-1904	M	Full	Son.
473	475	Deer, Robert Earl	1-29-1902	M	13/32	Son.
474	476	Dege, Edwin (LaBall)	7-8-1944	M	3/4	Married.
475	477	Delabru, Allen R.	5-25-1920	M	7/16	Son.
476	478	Delabru, Clyde	5-2-1950	M	3/8	Son.
477	479	Delabru, David H.	2-12-1947	M	27/64	Son.
478	480	Delabru, Frances J.	8-13-1950	F	3/8	Son.
479	481	Delabru, Frances J.	5-14-1946	F	7/16	Mother.
480	482	Delabru, John	2-20-1909	M	27/32	Mother.
481	483	Delabru, John	8-7-1924	M	3/8	Mother.
482	484	Delabru, Leo O.	5-18-1947	M	7/16	Son.
483	485	Delabru, Martin O.	11-25-1940	M	27/64	Son.
484	486	Delabru, Orland F.	12-23-1943	M	27/64	Son.
485	487	Delabru, Ronald F.	10-1-1933	M	27/64	Son.
486	488	Demmy, Mary (Gorman)	1-7-1912	F	3/4	Married.
487	489	Demmy, Mary (Gorman)	0-3-1930	F	27/32	Single.
488	490	Dick, Alfred (Grignon)	0-3-1930	M	13/32	Single.
489	491	Dick, Bernard	5-30-1930	M	33/64	Daughter.
490	492	Dick, Debra D.	1-18-1953	F	13/32	Daughter.
491	493	Dick, Donald	0-8-1933	M	13/32	Single.
492	494	Dick, Donna J.	7-8-1942	F	13/16	Daughter.
493	495	Dick, Elmer G.	11-18-1918	M	13/16	Daughter.
494	496	Dick, Emerald (Pamontent)	8-8-1937	F	27/32	Daughter.
495	497	Dick, Francis	7-1-1940	M	27/32	Daughter.
496	498	Dick, Gerald	11-2-1942	M	13/32	Daughter.
497	499	Dick, Harold J. (deceased)	8-20-1923	M	27/32	Daughter.
498	500	Dick, Herman J.	2-28-1934	M	13/16	Daughter.
499	501	Dick, James	5-5-1901	M	13/16	Daughter.
500	502	Dick, John J.	10-31-1928	M	27/32	Daughter.
501	503	Dick, Joyce (Kison)	8-30-1933	F	27/32	Daughter.
502	504	Dick, Kenneth	12-19-1932	M	27/32	Daughter.
503	505	Dick, Lila (Butler)	7-16-1930	F	1/4	Daughter.
504	506	Dick, Mitchell, Sr.	2-1-1870	M	5/8	Widower.
505	507	Dick, Mitchell, Jr.	7-16-1903	M	13/16	Single.

FINAL ROLL—MENOMINEE TRIBE OF INDIANS OF WISCONSIN—Continued

Final roll No.	1955 roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Menominee blood	Family relationship and remarks
506	508	Dick, Richard	9-15-1838	M	13/16	Father.
507	509	Dick, Richard, Jr.	1-16-1941	M	9/16	Son.
508	510	Dick, Rose M.	12-6-1944	F	25/64	Daughter.
509	511	Dick, Shelley	3-19-1932	F	33/64	Daughter.
510	512	Dick, Viola (Lyons)	8-15-1935	F	27/64	Married.
511	513	Dick, Warner W.	3-15-1940	M	5/8	Son.
512	514	Dickson, Clarence	6-30-1924	M	9/16	Father.
513	515	Dickson, Darwin J.	5-9-1940	M	9/16	Son.
514	516	Dickson, Dennison	5-30-1942	M	5/8	Son.
515	517	Dickson, Floyd J.	1-16-1923	M	15/32	Daughter.
516	518	Dickson, Josephine (Peters)	2-9-1933	F	7/8	Single.
517	519	Dickson, Josephine P.	1-2-1930	F	15/32	Single.
518	520	Dickson, Laverne P.	5-31-1938	F	15/32	Daughter.
519	521	Dickson, Mary L.	2-23-1930	F	1/2	Single.
520	522	Dickson, Mary L.	6-25-1931	F	1/4	Single.
521	523	Dickson, Mary (Lakotie)	8-17-1914	F	3/8	Mother.
522	524	Dickson, Mary (Lakotie)	11-30-1922	F	3/8	Mother.
523	525	Dickson, Meredith	2-8-1934	F	1/2	Single.
524	526	Dickson, Wilson R.	12-10-1933	M	9/16	Single.
525	527	Dickie, Crystal (Miller)	5-1-1914	F	3/16	Married.
526	528	Dickie, Donald	4-27-1904	M	3/16	Married.
527	529	Dickie, Dorothy	5-28-1926	F	11/32	Mother.
528	530	Dickie, Evelyn (Nunway)	5-31-1922	F	1/2	Mother.
529	531	Dickie, Evelyn (Tebeau)	10-25-1931	F	11/32	Married.
530	532	Dickie, Frances	2-5-1951	F	1/2	Daughter.
531	533	Dickie, Gordon	3-20-1912	M	3/16	Daughter.
532	534	Dickie, Gordon, Jr.	8-3-1946	M	11/32	Son.
533	535	Dickie, Gwendolyn (Waukau)	10-5-1932	F	11/16	Married.
534	536	Dickie, Jeanette M.	10-30-1945	F	29/64	Daughter.
535	537	Dickie, Karen	11-6-1947	F	11/32	Daughter.
536	538	Dickie, Lester J.	7-27-1928	M	11/32	Married.
537	539	Dickie, Louis M.	3-12-1902	M	3/16	Married.
538	540	Dickie, Ruth (Chevalier) (deceased)	12-22-1916	F	3/16	Married.
539	541	Dicks, Frances (Dodge)	0-16-1916	F	3/16	Married.
540	542	Dicks, Frances (Dodge)	4-20-1931	F	51/64	Married.
541	543	Dismore, Evelyn (Boivin)	8-18-1927	F	1/4	Married.
542	544	Dismore, Lester	3-18-1912	M	5/16	Married, a/k/a Look-around.
543	545	Dismore, Theresa (Connors)	1888	F	0	Widower.
544	546	Dixon, Alex (deceased)	8-2-1885	M	5/8	Widower.
545	547	Dixon, Deborah Marie	9-18-1930	F	83/132	Daughter.
546	548	Dixon, Keith (deceased)	5-18-1928	M	5/32	Married.
547	549	Dixon, Louis J.	11-8-1910	M	5/16	Mother.
548	550	Dixon, Louis J.	7-6-1932	M	31/32	Single.
549	551	Dixon, Margaret	7-16-1920	F	21/32	Married.
550	552	Dixon, Mary Ann (Gabo)	7-8-1913	F	5/8	Widow.
551	553	Dixon, Vron L., Jr.	11-14-1888	M	21/64	Father.
552	554	Dodge, Allen M.	12-20-1930	M	83/132	Son.
553	555	Dodge, Angelina (Wayka)	4-2-1940	F	Full	Son.
554	556	Dodge, Celestine	8-15-1906	F	3/8	Single.
555	557	Dodge, Celestine	4-10-1931	F	7/8	Daughter.
556	558	Dodge, Clara	11-3-1907	F	5/8	Single.
557	559	Dodge, Clarence P.	3-20-1920	M	9/16	Single.
558	560	Dodge, Constance M.	6-27-1925	F	5/8	Single.
559	561	Dodge, Donna M. (deceased)	3-7-1951	F	17/32	Daughter.
560	562	Dodge, Donovan J.	12-7-1946	M	17/32	Son.
561	563	Dodge, Evangelino (Nunway)	3-2-1925	M	1/2	Mother.
562	564	Dodge, Fay A.	1-10-1922	F	31/64	Daughter.
563	565	Dodge, Frank	6-23-1946	M	9/16	Father.
564	566	Dodge, Franklin R.	1-8-1945	M	17/32	Son.
565	567	Dodge, Henry M.	0-4-1887	M	1/2	Married.
566	568	Dodge, Henry M.	9-20-1897	M	5/8	Single.
567	569	Dodge, Irving F.	9-12-1921	M	11/32	Married.
568	570	Dodge, Joseph J. (Dunquin)	10-14-1904	M	11/32	Mother.
569	571	Dodge, Josephine (Fish)	1-20-1904	F	11/32	Daughter.
570	572	Dodge, Kath	1-2-1886	F	3/4	Widow.
571	573	Dodge, Kath	11-2-1947	F	31/64	Son.
572	574	Dodge, Louis	4-22-1947	M	17/32	Daughter.
573	575	Dodge, Louis	3-11-1954	M	17/32	Single.
574	576	Dodge, Madeline (Gauthier)	8-18-1903	F	5/8	Widow.
575	577	Dodge, Mary (Moon)	5-1-1887	F	5/8	Married.
576	578	Dodge, Melvin	7-6-1896	M	5/8	Single.
577	579	Dodge, Mitchell A.	1-9-1928	M	3/4	Married, a/k/a Al Dodge.

FINAL ROLL—MEMORINEE THIRDE OF INDIANS OF WISCONSIN—Continued

Final roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Memorial	Family relationship and remarks
656	Fish, Kenneth A.	9-8-1910	M	7/16	Son.
657	Fish, Mary (Hakak)	12-9-1918	M	11/32	Son.
658	Fish, Mary (Hakak)	9-8-1920	F	1/4	Mother.
659	Fish, Peter	10-7-1907	M	16/16	Married.
660	Fish, Raymond, Jr.	9-21-1921	M	7/16	Widower.
661	Fish, Stanley J.	10-15-1917	M	21/64	Son.
662	Fish, Vincent	11-29-1922	F	21/64	Daughter.
663	Fish, Walter D. (Warrington)	10-19-1923	M	21/64	Married.
664	Forsum, John G.	9-3-1913	M	7/8	Mother.
665	Forsum, John G.	8-4-1917	M	1/4	Single a/k/a Gaynell.
666	Fowler, Albert J.	8-13-1919	M	3/8	Son.
667	Fowler, Bernard	6-4-1914	M	3/8	Son.
668	Fowler, Eugene	2-27-1923	M	3/8	Son.
669	Fowler, Leon O.	8-1-1910	M	3/8	Single.
670	Fowler, Louis (Pecore)	4-9-1907	F	3/8	Mother.
671	Fowler, Sanford A.	7-4-1917	F	3/8	Single.
672	Fowler, Verne	7-1-1912	F	1/2	Daughter.
673	Frechette, Anthony	8-23-1911	M	1/2	Father.
674	Frechette, Barbara	7-2-1913	F	1/2	Single.
675	Frechette, Richard	11-2-1915	M	1/2	Father.
676	Frechette, Richard A.	2-16-1915	M	31/64	Son.
677	Frechette, Charles	2-17-1915	M	1/2	Wife.
678	Frechette, Claude (Miller)	1-13-1914	M	1/2	Husband.
679	Frechette, Eugene J.	2-6-1911	M	1/2	Married.
680	Frechette, Eugene J.	7-21-1920	M	1/2	Single.
681	Frechette, Eugene J.	9-6-1907	M	1/2	Single.
682	Frechette, Eugene J.	8-12-1903	M	1/2	Single.
683	Frechette, Eugene J.	8-22-1900	M	1/2	Single.
684	Frechette, James G. Jr.	2-22-1925	F	31/64	Single.
685	Frechette, Jean R.	1-30-1923	F	1/2	Single.
686	Frechette, Joseph	4-20-1912	M	1/2	Daughter.
687	Frechette, Kathleen R.	4-20-1912	F	1/2	Daughter.
688	Frechette, Lawrence	10-27-1935	M	31/64	Single.
689	Frechette, Lyle B. (Waukechon)	3-7-1939	F	1/4	Single.
690	Frechette, Marie (Waukechon)	12-31-1901	F	1/4	Mother.
691	Frechette, Mary Lynn	9-17-1940	F	1/4	Daughter.
692	Frechette, Pershing	11-30-1935	F	1/4	Single.
693	Frechette, Richard	1-20-1910	F	1/4	Daughter.
694	Frechette, Richard	1-7-1911	F	1/4	Daughter.
695	Frechette, Ronald	7-22-1934	M	31/64	Single.
696	Frechette, Sarah (Irving)	3-25-1932	F	17/32	Single.
697	Frechette, Sylvester	10-4-1914	M	9/16	Mother.
698	Frechette, Vivian L.	6-1-1932	F	31/64	Single.
699	Frederberg, Alice (Osikoshi)	1-31-1938	F	9/16	Daughter.
700	Frederberg, Alice (Osikoshi)	10-25-1909	F	13/32	Daughter.
701	Frederberg, Cheryl Jean	7-31-1940	F	13/32	Son.
702	Frederberg, David O.	3-29-1904	M	13/32	Daughter.
703	Frederberg, David O.	13-2-1908	M	13/32	Daughter.
704	Frederberg, Delbert O.	12-7-1902	M	13/32	Daughter.
705	Frederberg, Dorothy (Heath)	11-20-1923	F	13/32	Daughter.
706	Frederberg, Henry K.	7-8-1921	M	13/32	Daughter.
707	Frederberg, Herman	11-10-1940	M	13/32	Daughter.
708	Frederberg, Herman	9-23-1901	M	13/32	Daughter.
709	Frederberg, Lawrence J.	0-16-1901	M	13/32	Daughter.
710	Frederberg, Loreta (Dick)	2-22-1924	F	13/32	Daughter.
711	Frederberg, Mary (Matchopaw)	6-17-1924	F	13/32	Daughter.
712	Frederberg, Mary (Matchopaw)	9-10-1902	F	13/32	Daughter.
713	Frederberg, Pauline (Wychesit)	7-30-1930	F	13/32	Daughter.
714	Frederberg, Ralph	10-13-1947	M	13/32	Daughter.
715	Frederberg, Rebecca A.	5-21-1961	F	13/32	Daughter.
716	Frederberg, Renee J.	4-20-1960	F	13/32	Daughter.
717	Frederberg, Wayne H.	8-20-1961	M	13/32	Daughter.
718	Frederberg, William H.	8-20-1961	M	13/32	Daughter.
719	Frederberg, William H.	8-20-1961	M	13/32	Daughter.
720	Frederick, Leaveta J.	7-10-1938	F	13/32	Daughter.
721	Fulmer, Bridget (O'Connor)	11-12-1930	F	13/32	Daughter.

FINAL ROLL—MEMORINEE THIRDE OF INDIANS OF WISCONSIN—Continued

Final roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Memorial	Family relationship and remarks
692	Dodge, Peter M.	3-21-1920	M	7/8	Son.
693	Dodge, Reuben	10-2	M	Full	Married.
694	Dodge, Richard Allen	4-28-1929	M	31/64	Married.
695	Dodge, Richard Robert	3-6-1927	M	6/16	Single.
696	Dodge, Roger Redrick	11-6-1911	M	31/64	Married.
697	Dodge, Ronald L.	12-27-1952	M	17/32	Son.
698	Dodge, Sidney	11-30-1912	F	31/64	Daughter.
699	Dodge, Victoria	11-18-1932	F	6/8	Daughter.
700	Dodge, William F.	6-13-1917	M	7/8	Son.
701	Dowd, Anne (Wichonquib)	9-6-1907	F	7/8	Married.
702	Dowd, Mary (Wichonquib)	8-6-1912	F	7/8	Married.
703	Doxstator, Elsie (O'Connor)	10-11-1921	F	1/2	Mother.
704	Dunn, Ethel (Tourillott)	6-2-1916	F	1/4	Son.
705	Duquain, Anthony	4-20-1913	M	1/8	Married.
706	Duquain, Duanna J.	7-30-1917	F	37/64	Daughter.
707	Duquain, Edmund	9-27-1919	M	17/32	Married.
708	Duquain, Jane (Oshikeshquonam)	7-2-1912	F	23/32	Daughter.
709	Duquain, Jean M.	3-13-1931	F	9/16	Daughter.
710	Duquain, John L.	1-6-1904	M	9/16	Daughter.
711	Duquain, Karen A.	5-10-1912	F	13/32	Married.
712	Duquain, Leona	8-6-1913	F	13/32	Married.
713	Duquain, Leona	1-12-1913	F	13/32	Married.
714	Duquain, Leona	1-12-1913	F	13/32	Married.
715	Duquain, Leona	1-12-1913	F	13/32	Married.
716	Duquain, Leona	1-12-1913	F	13/32	Married.
717	Duquain, Leona	1-12-1913	F	13/32	Married.
718	Duquain, Leona	1-12-1913	F	13/32	Married.
719	Duquain, Leona	1-12-1913	F	13/32	Married.
720	Duquain, Leona	1-12-1913	F	13/32	Married.
721	Duquain, Leona	1-12-1913	F	13/32	Married.
722	Duquain, Leona	1-12-1913	F	13/32	Married.
723	Duquain, Leona	1-12-1913	F	13/32	Married.
724	Duquain, Leona	1-12-1913	F	13/32	Married.
725	Duquain, Leona	1-12-1913	F	13/32	Married.
726	Duquain, Leona	1-12-1913	F	13/32	Married.
727	Duquain, Leona	1-12-1913	F	13/32	Married.
728	Duquain, Leona	1-12-1913	F	13/32	Married.
729	Duquain, Leona	1-12-1913	F	13/32	Married.
730	Duquain, Leona	1-12-1913	F	13/32	Married.
731	Duquain, Leona	1-12-1913	F	13/32	Married.
732	Duquain, Leona	1-12-1913	F	13/32	Married.
733	Duquain, Leona	1-12-1913	F	13/32	Married.
734	Duquain, Leona	1-12-1913	F	13/32	Married.
735	Duquain, Leona	1-12-1913	F	13/32	Married.
736	Duquain, Leona	1-12-1913	F	13/32	Married.
737	Duquain, Leona	1-12-1913	F	13/32	Married.
738	Duquain, Leona	1-12-1913	F	13/32	Married.
739	Duquain, Leona	1-12-1913	F	13/32	Married.
740	Duquain, Leona	1-12-1913	F	13/32	Married.
741	Duquain, Leona	1-12-1913	F	13/32	Married.
742	Duquain, Leona	1-12-1913	F	13/32	Married.
743	Duquain, Leona	1-12-1913	F	13/32	Married.
744	Duquain, Leona	1-12-1913	F	13/32	Married.
745	Duquain, Leona	1-12-1913	F	13/32	Married.
746	Duquain, Leona	1-12-1913	F	13/32	Married.
747	Duquain, Leona	1-12-1913	F	13/32	Married.
748	Duquain, Leona	1-12-1913	F	13/32	Married.
749	Duquain, Leona	1-12-1913	F	13/32	Married.
750	Duquain, Leona	1-12-1913	F	13/32	Married.

FINAL ROLL—MENOMINEE TRIBE OF INDIANS OF WISCONSIN—Continued

Final roll No.	1955 roll No.	Name—Surname given; maiden	Date of birth	Sex	Degree of Memor- ize blood	Family relationship and remarks
749	725	Funk, Arline (Horse)	6-24-1913	F	9/32	Mother.
750	726	Gaspert, Mary (Winebody)	9-12-1925	F	1/8	Married.
751	727	Gaspert, Mary (Winebody)	8-25-1889	F	5/8	Married.
752	728	Gauthier, Anthony J.	2-2-1933	F	5/16	Married.
753	729	Gauthier, Anthony J.	7-6-1892	M	5/16	Widower.
754	730	Gauthier, Carol (Oshkumaw)	1-13-1935	F	47/128	Son.
755	731	Gauthier, Cornelius P.	6-23-1894	M	3/8	Married.
756	732	Gauthier, Cynthia (Winnebago)	10-22-1934	F	3/8	Married.
757	733	Gauthier, Donna J.	4-6-1914	F	47/128	Married.
758	734	Gauthier, Dorothy (Christianson)	9-20-1941	F	3/16	Married.
759	735	Gauthier, Frank P.	10-1-1933	M	11/32	Son.
760	736	Gauthier, Herman J.	4-2-1933	M	47/64	Son.
761	737	Gauthier, Herman J.	2-13-1922	F	11/32	Father.
762	738	Gauthier, Herman J.	2-16-1944	F	47/128	Son.
763	739	Gauthier, John P.	7-14-1913	M	5/16	Married.
764	740	Gauthier, Joseph P.	9-6-1913	M	5/16	Married.
765	741	Gauthier, Joseph R.	5-27-1923	M	5/32	Married.
766	742	Gauthier, Lawrence J.	1-17-1907	M	5/16	Married.
767	743	Gauthier, Lynd M.	12-20-1923	M	47/64	Married.
768	744	Gauthier, Mary (Richards)	1-23-1922	F	30/64	Married.
769	745	Gauthier, Patricia	4-21-1941	F	47/64	Father.
770	746	Gauthier, Peter A.	5-1-1916	M	11/32	Married.
771	747	Gauthier, Raymond	8-14-1915	M	5/8	Married.
772	748	Gauthier, Roger D.	7-6-1933	F	49/64	Married.
773	749	Gauthier, Sandra	4-18-1930	F	11/32	Married.
774	750	Gauthier, Spencer	3-9-1932	M	47/64	Married.
775	751	Gauthier, Sylvester	1-4-1919	M	39/64	Married.
776	752	Gauthier, Theodore J.	7-8-1934	M	5/16	Married.
777	753	Gauthier, Victor	3-18-1935	M	13/16	Married.
778	754	Gauthier, Harvey	7-17-1911	M	11/32	Married.
779	755	Gauthier, Mitchell	7-27-1933	M	13/16	Married.
780	756	Gauthier, Tony	1-25-1933	F	3/8	Married.
781	757	Gauthier, Tony	5-10-1932	F	3/8	Married.
782	758	Gauthier, Tony	9-22-1922	F	9/32	Married.
783	759	Gauthier, Tony	5-12-1920	F	20/32	Married.
784	760	Gauthier, Tony	1-10-1912	F	11/16	Married.
785	761	Gauthier, Tony	6-13-1943	F	7/16	Married.
786	762	Gauthier, Tony	11-18-1914	F	7/16	Married.
787	763	Gauthier, Tony	3-23-1953	F	5/16	Married.
788	764	Gauthier, Tony	7-28-1950	F	5/16	Married.
789	765	Gauthier, Tony	7-28-1950	F	5/16	Married.
790	766	Gauthier, Tony	7-28-1950	F	5/16	Married.
791	767	Gauthier, Tony	7-28-1950	F	5/16	Married.
792	768	Gauthier, Tony	7-28-1950	F	5/16	Married.
793	769	Gauthier, Tony	7-28-1950	F	5/16	Married.
794	770	Gauthier, Tony	7-28-1950	F	5/16	Married.
795	771	Gauthier, Tony	7-28-1950	F	5/16	Married.
796	772	Gauthier, Tony	7-28-1950	F	5/16	Married.
797	773	Gauthier, Tony	7-28-1950	F	5/16	Married.
798	774	Gauthier, Tony	7-28-1950	F	5/16	Married.
799	775	Gauthier, Tony	7-28-1950	F	5/16	Married.
800	776	Gauthier, Tony	7-28-1950	F	5/16	Married.
801	777	Gauthier, Tony	7-28-1950	F	5/16	Married.
802	778	Gauthier, Tony	7-28-1950	F	5/16	Married.
803	779	Gauthier, Tony	7-28-1950	F	5/16	Married.
804	780	Gauthier, Tony	7-28-1950	F	5/16	Married.
805	781	Gauthier, Tony	7-28-1950	F	5/16	Married.
806	782	Gauthier, Tony	7-28-1950	F	5/16	Married.
807	783	Gauthier, Tony	7-28-1950	F	5/16	Married.
808	784	Gauthier, Tony	7-28-1950	F	5/16	Married.
809	785	Gauthier, Tony	7-28-1950	F	5/16	Married.
810	786	Gauthier, Tony	7-28-1950	F	5/16	Married.
811	787	Gauthier, Tony	7-28-1950	F	5/16	Married.
812	788	Gauthier, Tony	7-28-1950	F	5/16	Married.
813	789	Gauthier, Tony	7-28-1950	F	5/16	Married.
814	790	Gauthier, Tony	7-28-1950	F	5/16	Married.
815	791	Gauthier, Tony	7-28-1950	F	5/16	Married.
816	792	Gauthier, Tony	7-28-1950	F	5/16	Married.
817	793	Gauthier, Tony	7-28-1950	F	5/16	Married.
818	794	Gauthier, Tony	7-28-1950	F	5/16	Married.
819	795	Gauthier, Tony	7-28-1950	F	5/16	Married.
820	796	Gauthier, Tony	7-28-1950	F	5/16	Married.
821	797	Gauthier, Tony	7-28-1950	F	5/16	Married.

FINAL ROLL—MENOMINEE TRIBE OF INDIANS OF WISCONSIN—Continued

Final roll No.	1955 roll No.	Name—Surname given; maiden	Date of birth	Sex	Degree of Memor- ize blood	Family relationship and remarks
822	799	Gignion, Myron	1-10-1913	M	7/16	Father.
823	800	Gignion, Myron, Jr.	11-27-1947	M	5/16	Son.
824	801	Gignion, Nicholas M.	11-2-1943	M	21/64	Daughter.
825	802	Gignion, Patrick L.	3-17-1940	F	7/16	Son.
826	803	Gignion, Patrick L.	6-12-1933	F	21/32	Daughter.
827	804	Gignion, Raymond A.	7-30-1937	M	5/8	Single.
828	805	Gignion, Raymond, Jr.	3-15-1937	M	13/16	Single.
829	806	Gignion, Richard W.	11-27-1946	F	7/16	Daughter.
830	807	Gignion, Robert Joseph	7-22-1945	M	13/16	Son.
831	808	Gignion, Robert Joseph	5-10-1940	M	21/32	Single.
832	809	Gignion, Robert Joseph	1-18-1939	M	9/32	Single.
833	810	Gignion, Robert Joseph	3-28-1936	M	1/2	Married.
834	811	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
835	812	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
836	813	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
837	814	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
838	815	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
839	816	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
840	817	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
841	818	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
842	819	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
843	820	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
844	821	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
845	822	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
846	823	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
847	824	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
848	825	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
849	826	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
850	827	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
851	828	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
852	829	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
853	830	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
854	831	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
855	832	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
856	833	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
857	834	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
858	835	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
859	836	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
860	837	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
861	838	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
862	839	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
863	840	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
864	841	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
865	842	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
866	843	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
867	844	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
868	845	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
869	846	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
870	847	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
871	848	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
872	849	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
873	850	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
874	851	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
875	852	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
876	853	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
877	854	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
878	855	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
879	856	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
880	857	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
881	858	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
882	859	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
883	860	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
884	861	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
885	862	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
886	863	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
887	864	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
888	865	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
889	866	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
890	867	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
891	868	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
892	869	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
893	870	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
894	871	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
895	872	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
896	873	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
897	874	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
898	875	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
899	876	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
900	877	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
901	878	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
902	879	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
903	880	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
904	881	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
905	882	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
906	883	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
907	884	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
908	885	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
909	886	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
910	887	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
911	888	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
912	889	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
913	890	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
914	891	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
915	892	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
916	893	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
917	894	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
918	895	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
919	896	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
920	897	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.
921	898	Gignion, Robert Joseph	2-28-1931	F	21/32	Single.





FINAL ROLL—MENOMINEE TRIBE OF INDIANS OF WISCONSIN—Continued

Final roll No.	1955 roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Menominee blood	Family relationship and remarks
1050	1052	Kaquotash, Francis James	7-3-1931	M	55/64	Son.
1051	1053	Kaquotash, Francis James	8-23-1920	M	31/32	Single.
1052	1054	Kaquotash, George O.	10-30-1897	M	1/2	Single.
1053	1055	Kaquotash, George O.	9-21-1933	M	5/8	Single.
1054	1056	Kaquotash, Gerald T.	1-9-1948	M	51/64	Single.
1055	1057	Kaquotash, Helga (Blumrich)	8-22-1931	F	1/2	Wife.
1056	1058	Kaquotash, James R.	5-29-1944	M	51/64	Son.
1057	1059	Kaquotash, John	10-6-1952	M	3/8	Son.
1058	1060	Kaquotash, John T.	11-19-1918	M	27/32	Father.
1059	1061	Kaquotash, Joseph P.	10-12-1914	M	15/32	Husband.
1060	1062	Kaquotash, Joseph S.	6-1-1918	M	31/32	Father.
1061	1063	Kaquotash, Leslie A.	6-17-1903	M	31/32	Widower.
1062	1064	Kaquotash, Leslie A.	3-29-1941	M	51/64	Son.
1063	1065	Kaquotash, Louis M.	7-4-1948	M	55/64	Son.
1064	1066	Kaquotash, Margaret Ann	7-28-1943	F	55/64	Daughter.
1065	1067	Kaquotash, Martha	3-2-1942	F	55/64	Daughter.
1066	1068	Kaquotash, Marvin A.	9-11-1920	M	16/16	Single.
1067	1069	Kaquotash, Mary (Waupetekemy)	7-22-1935	F	3/4	Single.
1068	1070	Kaquotash, Melvin M.	2-8-1952	M	51/64	Son.
1069	1071	Kaquotash, Mitchell, Jr.	4-14-1923	M	31/32	Father.
1070	1072	Kaquotash, Michael (Fossum)	8-16-1901	M	1/2	Single.
1071	1073	Kaquotash, Carl (Fossum)	8-28-1901	M	3/4	Single.
1072	1074	Kaquotash, Carl (Fossum)	8-16-1924	M	1/2	Single.
1073	1075	Kaquotash, Raymond O.	7-25-1924	M	15/32	Single.
1074	1076	Kaquotash, Raymond O.	3-2-1930	M	5/8	Single.
1075	1077	Kaquotash, Rena (Grislow)	11-4-1911	F	1/2	Single.
1076	1078	Kaquotash, Rena N.	12-25-1933	F	51/64	Single.
1077	1079	Kaquotash, Rosa M.	2-4-1935	F	3/4	Single.
1078	1080	Kaquotash, Rosa M.	10-16-1941	F	55/64	Single.
1079	1081	Kaquotash, Rosa M.	1-4-1944	F	9/32	Single.
1080	1082	Kaquotash, Shirley A.	1-4-1944	F	3/8	Single.
1081	1083	Kaquotash, Sylvester R. (deceased)	10-31-1910	M	3/4	Single.
1082	1084	Kaquotash, Warren	2-6-1948	M	37/64	Single.
1083	1085	Kellner, Marilyn (Waupetekemy)	7-29-1931	F	31/32	Single.
1084	1086	Kelly, Delores E. (Waupetekemy)	7-7-1920	F	27/32	Single.
1085	1087	Kenelo, David E.	4-27-1918	M	1/2	Single.
1086	1088	Kenelo, Emma (Richmond)	9-3-1930	F	6/8	Single.
1087	1089	Kenelo, Frances (Grignon)	9-28-1913	F	21/32	Single.
1088	1090	Kenelo, George W.	2-22-1911	M	1/2	Single.
1089	1091	Kenelo, Glenwood	1-3-1916	M	1/2	Single.
1090	1092	Kenelo, James	3-17-1921	M	7/8	Single.
1091	1093	Kenelo, Julia Lynn	8-25-1944	F	1/4	Single.
1092	1094	Kenelo, Leah	7-4-1934	F	37/64	Single.
1093	1095	Kenelo, Mark A.	10-31-1937	M	37/64	Single.
1094	1096	Kenelo, Marshall G.	8-24-1942	M	25/64	Single.
1095	1097	Keshena, Anthony W.	6-28-1943	M	23/64	Single.
1096	1098	Keshena, Dolores J. (O'Connor)	12-31-1923	F	3/8	Single.
1097	1099	Keshena, Frank J.	2-28-1948	M	25/64	Single.
1098	1100	Keshena, Gary A.	11-8-1953	M	25/64	Single.
1099	1101	Keshena, Gay	10-9-1952	F	47/128	Single.
1100	1102	Keshena, Gordon F.	9-10-1926	M	3/8	Single.
1101	1103	Keshena, Guy F.	11-1-1933	M	26/64	Single.
1102	1104	Keshena, Leo David	4-20-1943	M	47/128	Single.
1103	1105	Keshena, Margaret	9-11-1933	F	47/128	Single.
1104	1106	Keshena, Marlene (Skenandore)	1-6-1935	F	7/32	Single.
1105	1107	Keshena, Mitchell	8-2-1951	M	3/4	Single.
1106	1108	Keshena, Scott G.	8-2-1951	M	3/4	Single.
1107	1109	Keshena, Virginia (Kakawit)	4-8-1951	F	1/2	Single.
1108	1110	Keshena, Yvonne (Irving) (deceased)	4-28-1924	F	13/32	Single.
1109	1111	Kessen, Claudette (Lawe)	11-14-1951	F	1/4	Single.
1110	1112	Kessen, Duane R.	5-14-1950	M	11/32	Single.
1111	1113	Kessen, Jerry Lee	5-14-1948	M	11/32	Single.
1112	1114	Kessen, Joseph G.	9-28-1930	M	1/4	Single.
1113	1115	Kessen, Leo R.	7-10-1934	M	1/4	Single.
1114	1116	Kessen, Norbert J.	6-20-1936	M	1/4	Single.
1115	1117	Kessen, Rosemary	7-15-1911	F	1/2	Single.
1116	1118	Kessen, Virginia (Waubesaum)	2-15-1930	F	1/4	Single.
1117	1119	Kesson, William J.	8-29-1935	M	1/4	Single.
1118	1120	Kesson, Victoria (Jacobs)	5-4-1924	F	21/64	Single.
1119	1121	Kimball, Evelyn (Peaprey)	9-22-1933	F	7/16	Single.
1120	1122	Kimball, Elizabeth (Davis)	9-22-1933	F	7/8	Single.
1121	1123	Kinewash, Andrew	9-22-1877	M	17/61	Single.
1122	1124	Kinewash, Charlotte (Marlin)	4-4-1934	F	29/32	Single.
1123	1125	Kinewash, Elizabeth V.	1-28-1911	F	29/32	Single.

FINAL ROLL—MENOMINEE TRIBE OF INDIANS OF WISCONSIN—Continued

Final roll No.	1935 roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Menominee blood	Family relationship and remarks
1126	1118	Kinney, Jerome D.	4-30-1933	M	19/32	
1127	1120	Kinney, Theresa (Komanekin)	7-4-1897	F	15/16	
1128	1121	King, Austin A.	8-23-1920	M	9/32	
1129	1122	King, Bennett, Jr.	8-23-1920	M	9/32	
1130	1123	King, Christine (Waupose)	12-19-1923	F	25/32	
1131	1124	King, Gerald J.	12-19-1923	M	11/16	
1132	1125	King, Hazel (Klison)	12-19-1912	F	13/32	
1133	1126	King, James R.	7-1-1903	M	4/4	
1134	1127	King, James R.	5-30-1924	M	9/32	
1135	1128	King, Kathleen S.	12-6-1933	F	51/64	
1136	1129	King, Margaret (Tomow)	2-17-1931	F	47/64	
1137	1130	King, Margaret (Tomow)	12-9-1950	F	13/16	
1138	1131	King, Michael T.	4-2-1908	M	51/64	
1139	1132	King, Michael T.	12-3-1947	M	11/16	
1140	1133	King, Pamela R.	2-21-1949	F	9/32	
1141	1134	King, Raymond R., Jr.	2-17-1942	M	11/16	
1142	1135	King, Reginald	2-9-1912	M	11/16	
1143	1136	King, Robert W.	8-20-1952	M	9/32	
1144	1137	King, Roland	7-7-1936	M	9/32	
1145	1138	King, Rose Mary	12-23-1918	F	4/4	
1146	1139	Kinney, Louis A.	1-6-1949	M	53/64	
1147	1140	Kinney, Louis A.	5-22-1877	M	4/4	
1148	1141	Kinney, Mary (Assisicut) (deceased)	1874	F	4/4	
1149	1142	Kinney, May Cecelia	6-16-1920	F	4/4	
1150	1143	Kinney, Melva L.	5-23-1941	F	3/4	
1151	1144	Kinney, Patricia A.	3-16-1949	F	1/2	
1152	1145	Kinney, Victoria (Grignon)	3-24-1918	F	21/32	
1153	1146	Kitchanakow, Alene	5-31-1923	F	15/16	
1154	1147	Kitchanakow, Barbara A.	12-11-1949	F	11/32	
1155	1148	Kitchanakow, Beverly A.	5-23-1949	F	55/64	
1156	1149	Kitchanakow, Carol E.	12-20-1950	F	29/32	
1157	1150	Kitchanakow, Denise D.	10-3-1945	F	11/32	
1158	1151	Kitchanakow, Denise D.	8-11-1952	F	29/32	
1159	1152	Kitchanakow, Denise D.	10-3-1945	F	23/32	
1160	1153	Kitchanakow, Donna	4-20-1927	F	7/16	
1161	1154	Kitchanakow, Elizabeth (Moon)	2-22-1921	M	11/32	
1162	1155	Kitchanakow, Elmer E.	1-2-1945	M	55/64	
1163	1156	Kitchanakow, Elmer E.	12-19-1952	M	55/64	
1164	1157	Kitchanakow, Jennie L.	4-30-1944	F	55/64	
1165	1158	Kitchanakow, Jennie L.	4-23-1912	F	4/4	
1166	1159	Kitchanakow, Louis A.	4-17-1926	M	55/64	
1167	1160	Kitchanakow, Louis A., Jr.	1-1-1920	M	15/16	
1168	1161	Kitchanakow, Louis A.	8-11-1940	M	11/32	
1169	1162	Kitchanakow, Louis A.	8-11-1940	M	11/32	
1170	1163	Kitchanakow, Norman A.	6-25-1947	M	55/64	
1171	1164	Kitchanakow, Patricia	9-1-1940	F	11/32	
1172	1165	Kitchanakow, Reynold	7-10-1953	M	15/32	
1173	1166	Kitchanakow, Rhonda S.	10-10-1950	F	11/32	
1174	1167	Kitchanakow, Roxanne M.	6-4-1948	F	55/64	
1175	1168	Kitchanakow, Theresa	0-10-1951	F	11/32	
1176	1169	Kitchanakow, Yvonne D.	2-12-1914	F	7/8	
1177	1170	Kitchakume, Louise (Tomow)	5-24-1928	F	53/64	
1178	1171	Klison, Arline (Waupose)	9-25-1951	F	27/64	
1179	908	Klison, Carmen R.	8-29-1937	F	27/64	
1180	1171	Klison, Francis A.	4-9-1938	M	11/32	
1181	1172	Klison, John P.	2-21-1916	M	7/16	
1182	1173	Klison, Lillie (Lyons)	3-23-1913	F	79/128	
1183	1174	Klison, Mary (Menore)	12-6-1950	F	13/32	
1184	1175	Klison, Nel V.	7-29-1916	F	17/32	
1185	1176	Klison, Reynold	7-29-1916	M	17/32	
1186	1177	Klison, Robert H.	6-1-1930	M	17/32	
1187	1178	Klison, Roger J.	12-15-1911	M	13/32	
1188	1179	Klison, Ronald T.	8-16-1911	M	27/64	
1189	1180	Klison, Russell J.	1-6-1928	M	3/4	
1190	1181	Klison, Thomas R.	12-9-1952	M	3/8	
1191	1182	Klison, Thomas R.	5-8-1925	M	3/8	
1192	1183	Klison, Verlin R., Jr.	8-10-1942	M	1/2	
1193	1184	Klison, Ernesting (Moon)	4-13-1941	M	3/8	
1194	1185	Klison, Helen M.	8-10-1942	F	3/8	
1195	1186	Klison, Mitchell P.	12-20-1944	M	3/8	
1196	1187	Klison, Mosé	8-20-1928	M	1/4	
1197	1101	Klison, Robert M.	9-25-1931	M	3/8	
1198	1102	Klison, Robert M.	3-11-1903	M	5/16	
1199	1103	Klison, Elizabeth (Wychest)	9-22-1897	F	1/2	
1200	1104	Klison, Elizabeth (Wychest)	3-17-1940	F	5/16	
1201	1105	Klison, Elizabeth (Wychest)		F		
1202	1106	Klison, Elizabeth (Wychest)		F		
1203	1107	Klison, Elizabeth (Wychest)		F		
1204	1108	Klison, Elizabeth (Wychest)		F		
1205	1109	Klison, Elizabeth (Wychest)		F		
1206	1110	Klison, Elizabeth (Wychest)		F		
1207	1111	Klison, Elizabeth (Wychest)		F		
1208	1112	Klison, Elizabeth (Wychest)		F		
1209	1113	Klison, Elizabeth (Wychest)		F		
1210	1114	Klison, Elizabeth (Wychest)		F		
1211	1115	Klison, Elizabeth (Wychest)		F		
1212	1116	Klison, Elizabeth (Wychest)		F		
1213	1117	Klison, Elizabeth (Wychest)		F		
1214	1118	Klison, Elizabeth (Wychest)		F		
1215	1119	Klison, Elizabeth (Wychest)		F		
1216	1120	Klison, Elizabeth (Wychest)		F		
1217	1121	Klison, Elizabeth (Wychest)		F		
1218	1122	Klison, Elizabeth (Wychest)		F		
1219	1123	Klison, Elizabeth (Wychest)		F		
1220	1124	Klison, Elizabeth (Wychest)		F		
1221	1125	Klison, Elizabeth (Wychest)		F		
1222	1126	Klison, Elizabeth (Wychest)		F		
1223	1127	Klison, Elizabeth (Wychest)		F		
1224	1128	Klison, Elizabeth (Wychest)		F		
1225	1129	Klison, Elizabeth (Wychest)		F		
1226	1130	Klison, Elizabeth (Wychest)		F		
1227	1131	Klison, Elizabeth (Wychest)		F		
1228	1132	Klison, Elizabeth (Wychest)		F		
1229	1133	Klison, Elizabeth (Wychest)		F		
1230	1134	Klison, Elizabeth (Wychest)		F		
1231	1135	Klison, Elizabeth (Wychest)		F		
1232	1136	Klison, Elizabeth (Wychest)		F		
1233	1137	Klison, Elizabeth (Wychest)		F		
1234	1138	Klison, Elizabeth (Wychest)		F		
1235	1139	Klison, Elizabeth (Wychest)		F		
1236	1140	Klison, Elizabeth (Wychest)		F		
1237	1141	Klison, Elizabeth (Wychest)		F		
1238	1142	Klison, Elizabeth (Wychest)		F		
1239	1143	Klison, Elizabeth (Wychest)		F		
1240	1144	Klison, Elizabeth (Wychest)		F		
1241	1145	Klison, Elizabeth (Wychest)		F		
1242	1146	Klison, Elizabeth (Wychest)		F		
1243	1147	Klison, Elizabeth (Wychest)		F		
1244	1148	Klison, Elizabeth (Wychest)		F		
1245	1149	Klison, Elizabeth (Wychest)		F		
1246	1150	Klison, Elizabeth (Wychest)		F		
1247	1151	Klison, Elizabeth (Wychest)		F		
1248	1152	Klison, Elizabeth (Wychest)		F		
1249	1153	Klison, Elizabeth (Wychest)		F		
1250	1154	Klison, Elizabeth (Wychest)		F		
1251	1155	Klison, Elizabeth (Wychest)		F		
1252	1156	Klison, Elizabeth (Wychest)		F		
1253	1157	Klison, Elizabeth (Wychest)		F		
1254	1158	Klison, Elizabeth (Wychest)		F		
1255	1159	Klison, Elizabeth (Wychest)		F		
1256	1160	Klison, Elizabeth (Wychest)		F		
1257	1161	Klison, Elizabeth (Wychest)		F		
1258	1162	Klison, Elizabeth (Wychest)		F		
1259	1163	Klison, Elizabeth (Wychest)		F		
1260	1164	Klison, Elizabeth (Wychest)		F		
1261	1165	Klison, Elizabeth (Wychest)		F		
1262	1166	Klison, Elizabeth (Wychest)		F		
1263	1167	Klison, Elizabeth (Wychest)		F		
1264	1168	Klison, Elizabeth (Wychest)		F		
1265	1169	Klison, Elizabeth (Wychest)		F		
1266	1170	Klison, Elizabeth (Wychest)		F		
1267	1171	Klison, Elizabeth (Wychest)		F		
1268	1172	Klison, Elizabeth (Wychest)		F		
1269	1173	Klison, Elizabeth (Wychest)		F		
1270	1174	Klison, Elizabeth (Wychest)		F		
1271	1175	Klison, Elizabeth (Wychest)		F		
1272	1176	Klison, Elizabeth (Wychest)		F		
1273	1177	Klison, Elizabeth (Wychest)		F		
1274	1178	Klison, Elizabeth (Wychest)		F		
1275	1179	Klison, Elizabeth (Wychest)		F		
1276	1180	Klison, Elizabeth (Wychest)		F		
1277	1181	Klison, Elizabeth (Wychest)		F		
1278	1182	Klison, Elizabeth (Wychest)		F		
1279	1183	Klison, Elizabeth (Wychest)		F		
1280	1184	Klison, Elizabeth (Wychest)		F		
1281	1185	Klison, Elizabeth (Wychest)		F		
1282	1186	Klison, Elizabeth (Wychest)		F		
1283	1187	Klison, Elizabeth (Wychest)		F		
1284	1188	Klison, Elizabeth (Wychest)		F		
1285	1189	Klison, Elizabeth (Wychest)		F		
1286	1190	Klison, Elizabeth (Wychest)		F		
1287	1191	Klison, Elizabeth (Wychest)		F		
1288	1192	Klison, Elizabeth (Wychest)		F		
1289	1193	Klison, Elizabeth (Wychest)		F		
1290	1194	Klison, Elizabeth (Wychest)		F		
1291	1195	Klison, Elizabeth (Wychest)		F		
1292	1196	Klison, Elizabeth (Wychest)		F		
1293	1197	Klison, Elizabeth (Wychest)		F		
1294	1198	Klison, Elizabeth (Wychest)		F		
1295	1199	Klison, Elizabeth (Wychest)		F		
1296	1200	Klison, Elizabeth (Wychest)		F		
1297	1201	Klison, Elizabeth (Wychest)		F		
1298	1202	Klison, Elizabeth (Wychest)		F		
1299	1203	Klison, Elizabeth (Wychest)		F		
1300	1204	Klison, Elizabeth (Wychest)		F		
1301	1205	Klison, Elizabeth (Wychest)		F		
1302	1206	Klison, Elizabeth (Wychest)		F		
1303	1207	Klison, Elizabeth (Wychest)		F		
1304	1208	Klison, Elizabeth (Wychest)		F		
1305	1209	Klison, Elizabeth (Wychest)		F		
1306	1210	Klison, Elizabeth (Wychest)		F		
1307	1211	Klison, Elizabeth (Wychest)		F		
1308	1212	Klison, Elizabeth (Wychest)		F		
1309	1213	Klison, Elizabeth (Wychest)		F		
1310	1214	Klison, Elizabeth (Wychest)		F		
1311	1215	Klison, Elizabeth (Wychest)		F		
1312	1216	Klison, Elizabeth (Wychest)		F		
1313	1217	Klison, Elizabeth (Wychest)		F		
1314	1218	Klison, Elizabeth (Wychest)		F		
1315	1219	Klison, Elizabeth (Wychest)		F		
1316	1220	Klison, Elizabeth (Wychest)		F		
1317	1221	Klison, Elizabeth (Wychest)		F		
1318	1222	Klison, Elizabeth (Wychest)		F		
1319	1223	Klison, Elizabeth (Wychest)		F		
1320	1224	Klison, Elizabeth (Wychest)		F		
1321	1225	Klison, Elizabeth (Wychest)		F		
1322	1226	Klison, Elizabeth (Wychest)		F		
1323	1227	Klison, Elizabeth (Wychest)		F		
1324	1228	Klison, Elizabeth (Wychest)		F		
1325	1229	Klison, Elizabeth (Wychest)		F		
1326	1230	Klison, Elizabeth (Wychest)		F		
1327	1231	Klison, Elizabeth (Wychest)		F		
1328	1232	Klison, Elizabeth (Wychest)		F		
1329	1233	Klison, Elizabeth (Wychest)		F		
1330	1234	Klison, Elizabeth (Wychest)		F		
1331	1235	Klison, Elizabeth (Wychest)		F		
1332	1236	Klison, Elizabeth (Wychest)		F		
1333	1237	Klison, Elizabeth (Wychest)		F		
1334	1238	Klison, Elizabeth (Wychest)		F		
1335	1239	Klison, Elizabeth (Wychest)		F		
1336	1240	Klison, Elizabeth (Wychest)		F		
1337	1241	Klison, Elizabeth (Wychest)		F		
1338	1242	Klison, Elizabeth (Wychest)		F		
1339	1243	Klison, Elizabeth (Wychest)		F		
1340	1244	Klison, Elizabeth (Wychest)		F		
1341	1245	Klison, Elizabeth (Wychest)		F		
1342	1246	Klison, Elizabeth (Wychest)		F		
1343	1247	Klison, Elizabeth (Wychest)				



## FINAL ROLL—MENOMINEE TRIBE OF INDIANS OF WISCONSIN—Continued

Final roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Metis blood	Family relationship and remarks
1231	LaRock, Joyce F.	6-21-1916	F	43/64	Daughter.
1232	LaRock, Judith A.	9-21-1914	F	43/64	Daughter.
1233	LaRock, Marguerite (Frechette)	12-10-1923	F	31/64	Daughter.
1234	LaRock, Mary Ann (Cardish)	8-27-1911	F	3/4	Wife, a/k/a Mamie Sullivan
1235	LaRock, Peter	7-5-1901	M	14/32	Uncle.
1236	LaRock, Raymond J.	3-10-1929	M	43/64	Uncle.
1237	LaRock, Roscoe K.	1-14-1912	F	43/64	Daughter.
1238	LaRock, Sophie (Warrington)	6-22-1918	F	39/64	Daughter.
1239	LaRock, William J.	1-22-1917	F	7/8	Mother.
1240	LaRock, William J., Jr.	3-22-1910	M	16/32	Father.
1241	LaRock, William J., Jr.	2-14-1925	M	43/64	Single.
1242	LaRock, William J., Jr.	10-2-1928	F	9/16	Son.
1243	LaRock, William J., Jr.	10-1-1917	F	9/16	Son.
1244	LaRock, William J., Jr.	11-29-1923	F	9/16	Daughter.
1245	LaRock, William J., Jr.	8-7-1922	F	9/16	Daughter.
1246	LaRock, William J., Jr.	8-21-1916	M	19/32	Son.
1247	LaRock, William J., Jr.	10-1-1914	M	9/16	Son.
1248	LaRock, William J., Jr.	10-1-1914	M	9/16	Son.
1249	LaRock, William J., Jr.	11-14-1913	F	9/16	Daughter.
1250	LaRock, William J., Jr.	11-21-1909	M	9/16	Son.
1251	LaRock, William J., Jr.	8-6-1911	M	9/16	Father.
1252	LaRock, William J., Jr.	12-8-1910	M	3/4	Married.
1253	LaRock, William J., Jr.	7-27-1911	F	2/16	Daughter.
1254	LaRock, William J., Jr.	6-31-1916	M	5/16	Son (father, No. 3239)
1255	LaRock, William J., Jr.	6-31-1916	F	5/16	Daughter (mother, No. 3239)
1256	LaRock, William J., Jr.	8-3-1912	F	3/8	Single.
1257	LaRock, William J., Jr.	12-21-1928	M	1/4	Married.
1258	LaRock, William J., Jr.	9-22-1912	M	1/4	Son.
1259	LaRock, William J., Jr.	6-1-1911	M	11/16	Son.
1260	LaRock, William J., Jr.	7-12-1921	M	3/8	Single.
1261	LaRock, William J., Jr.	4-17-1897	M	5/8	Father.
1262	LaRock, William J., Jr.	5-5-1939	F	11/16	Single.
1263	LaRock, William J., Jr.	3-9-1927	F	5/16	Mother.
1264	LaRock, William J., Jr.	7-4-1922	M	3/8	Single, a/k/a Francis Lave.
1265	LaRock, William J., Jr.	1-4-1883	M	3/4	Married.
1266	LaRock, William J., Jr.	3-3-1894	M	9/16	Married.
1267	LaRock, William J., Jr.	3-0-1927	M	1/2	Father.
1268	LaRock, William J., Jr.	3-8-1937	M	3/8	Father.
1269	LaRock, William J., Jr.	3-11-1923	M	6/32	Single.
1270	LaRock, William J., Jr.	3-14-1917	M	3/8	Married.
1271	LaRock, William J., Jr.	1-10-1890	M	9/16	Married.
1272	LaRock, William J., Jr.	3-14-1927	M	5/32	Single.
1273	LaRock, William J., Jr.	10-21-1916	M	11/32	Married.
1274	LaRock, William J., Jr.	6-11-1910	M	11/32	Daughter.
1275	LaRock, William J., Jr.	2-17-1933	F	7/16	Wife, a/k/a Rose Caldwell
1276	LaRock, William J., Jr.	11-0-1909	M	5/8	Single.
1277	LaRock, William J., Jr.	12-20-1913	M	9/16	Son.
1278	LaRock, William J., Jr.	3-10-1916	M	3/8	Father.
1279	LaRock, William J., Jr.	11-20-1938	M	9/16	Single.
1280	LaRock, William J., Jr.	6-27-1948	F	3/8	Daughter.
1281	LaRock, William J., Jr.	12-17-1917	M	9/16	Single.
1282	LaRock, William J., Jr.	9-22-1937	F	3/4	Daughter.
1283	LaRock, William J., Jr.	4-15-1917	F	9/16	Mother.
1284	LaRock, William J., Jr.	0-11-1941	M	3/16	Married.
1285	LaRock, William J., Jr.	1-23-1909	F	1/4	Married.
1286	LaRock, William J., Jr.	4-20-1918	F	1/4	Married.
1287	LaRock, William J., Jr.	3-18-1917	F	3/4	Married.
1288	LaRock, William J., Jr.	3-18-1917	F	7/16	Married.
1289	LaRock, William J., Jr.	12-21-1925	M	11/32	Son.
1290	LaRock, William J., Jr.	6-20-1951	F	11/32	Single.
1291	LaRock, William J., Jr.	8-31-1923	F	11/32	Daughter.
1292	LaRock, William J., Jr.	7-12-1950	F	11/32	Daughter.
1293	LaRock, William J., Jr.	8-18-1918	F	11/32	Daughter.

## FINAL ROLL—MENOMINEE TRIBE OF INDIANS OF WISCONSIN—Continued

Final roll No.	(F)inal roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Metis blood	Family relationship and remarks
1294	1294	Kohel, Antoinette	6-12-1920	F	6/16	Single.
1295	1295	Kohel, Raymond	6-12-1920	M	6/16	Wife.
1296	1296	Kohel, Helen M.	8-25-1933	F	6/16	Single.
1297	1297	Kohel, Madeline (Neonish)	6-8-1920	F	6/16	Single.
1298	1298	Kohel, Marilyn	10-26-1916	F	6/16	Single.
1299	1299	Kohel, Vernon J.	8-7-1911	M	6/16	Single.
1300	1300	Kohel, Wayne J.	7-4-1922	M	6/16	Single.
1301	1301	Konackin, Frances	9-2-1922	F	6/16	Single.
1302	1302	Konackin, James	1-6-1929	M	16/32	Single.
1303	1303	Konackin, James W., Jr.	10-29-1922	M	17/64	Single.
1304	1304	Konackin, Joseph O.	4-3-1921	M	17/64	Single.
1305	1305	Konackin, Karen Lee	6-23-1918	F	17/64	Single.
1306	1306	Konackin, Kyle	2-22-1929	M	16/32	Single.
1307	1307	Konackin, Margel A.	1-7-1917	F	17/64	Single.
1308	1308	Konackin, Marjorie (Tourtellott)	4-16-1932	F	17/64	Single.
1309	1309	Konackin, Nancy J.	2-30-1920	F	16/16	Single.
1310	1310	Konackin, Thomas	1-23-1922	M	16/32	Single.
1311	1311	Konackin, William	11-23-1922	M	7/8	Single.
1312	1312	Konalia, Edward	7-30-1889	M	7/8	Wife.
1313	1313	Konalia, George	8-22-1916	M	7/8	Single.
1314	1314	Konalia, Louis	2-16-1923	M	9/16	Single.
1315	1315	Konalia, Michael, Jr.	7-6-1923	M	7/8	Single.
1316	1316	Konalia, Peter	2-6-1923	M	1/4	Single.
1317	1317	Konalia, Sophia (Neonish)	6-16-1923	F	1/4	Single.
1318	1318	Konalia, V. J. (Neonish)	1-23-1921	M	7/8	Single.
1319	1319	Kraus, V. J. (Neonish)	12-14-1929	M	1/4	Single.
1320	1320	Kraus, V. J. (Neonish)	1-4-1932	M	16/64	Single.
1321	1321	Kraus, V. J. (Neonish)	3-20-1912	M	1/4	Single.
1322	1322	Kraus, V. J. (Neonish)	8-21-1888	M	1/4	Single.
1323	1323	Kraus, V. J. (Neonish)	1007	M	16/32	Single.
1324	1324	Kraus, V. J. (Neonish)	3-16-1923	M	16/64	Single.
1325	1325	Kraus, V. J. (Neonish)	4-2-1911	M	16/64	Single.
1326	1326	Kraus, V. J. (Neonish)	8-12-1914	M	11/32	Single.
1327	1327	Kraus, V. J. (Neonish)	8-1-1923	M	11/32	Single.
1328	1328	Kraus, V. J. (Neonish)	1-11-1913	M	9/32	Single.
1329	1329	Kraus, V. J. (Neonish)	11-9-1920	M	9/32	Single.
1330	1330	Kraus, V. J. (Neonish)	7-20-1919	M	9/16	Single.
1331	1331	Kraus, V. J. (Neonish)	8-14-1917	M	20/64	Single.
1332	1332	Kraus, V. J. (Neonish)	10-14-1918	M	20/64	Single.
1333	1333	Kraus, V. J. (Neonish)	8-20-1921	M	20/64	Single.
1334	1334	Kraus, V. J. (Neonish)	0-8-1918	M	1/4	Single.
1335	1335	Kraus, V. J. (Neonish)	0-8-1921	M	1/4	Single.
1336	1336	Kraus, V. J. (Neonish)	11-9-1921	M	1/4	Single.
1337	1337	Kraus, V. J. (Neonish)	2-21-1907	M	1/2	Single.
1338	1338	Kraus, V. J. (Neonish)	8-20-1907	M	1/2	Single.
1339	1339	Kraus, V. J. (Neonish)	8-4-1911	M	3/8	Single.
1340	1340	Kraus, V. J. (Neonish)	8-21-1907	M	3/8	Single.
1341	1341	Kraus, V. J. (Neonish)	1-3-1902	M	1/2	Single.
1342	1342	Kraus, V. J. (Neonish)	1-7-1911	M	3/4	Single.
1343	1343	Kraus, V. J. (Neonish)	8-2-1917	M	1/2	Single.
1344	1344	Kraus, V. J. (Neonish)	3-20-1918	M	43/64	Single.
1345	1345	Kraus, V. J. (Neonish)	3-20-1918	M	10/32	Single.
1346	1346	Kraus, V. J. (Neonish)	3-16-1904	M	3/4	Single.
1347	1347	Kraus, V. J. (Neonish)	12-23-1913	M	43/64	Single.
1348	1348	Kraus, V. J. (Neonish)	7-1-1916	M	43/64	Single.
1349	1349	Kraus, V. J. (Neonish)	5-20-1939	M	43/64	Single.
1350	1350	Kraus, V. J. (Neonish)	0-18-1952	M	43/64	Single.
1351	1351	Kraus, V. J. (Neonish)	2-8-1885	M	3/8	Single.
1352	1352	Kraus, V. J. (Neonish)	0-30-1913	M	3/8	Single.
1353	1353	Kraus, V. J. (Neonish)	0-1892	M	3/8	Single.
1354	1354	Kraus, V. J. (Neonish)	0-2-1911	M	43/64	Single.
1355	1355	Kraus, V. J. (Neonish)	11-10-1928	M	43/64	Single.
1356	1356	Kraus, V. J. (Neonish)	0-26-1936	M	43/64	Single.
1357	1357	Kraus, V. J. (Neonish)	7-20-1917	M	43/64	Single.
1358	1358	Kraus, V. J. (Neonish)	0-12-1940	M	43/64	Single.
1359	1359	Kraus, V. J. (Neonish)	2-21-1903	M	43/64	Single.
1360	1360	Kraus, V. J. (Neonish)	7-4-1913	M	16/32	Single.
1361	1361	Kraus, V. J. (Neonish)	0-22-1918	M	43/64	Single.
1362	1362	Kraus, V. J. (Neonish)	7-10-1913	M	43/64	Single.
1363	1363	Kraus, V. J. (Neonish)	0-10-1940	M	39/64	Single.
1364	1364	Kraus, V. J. (Neonish)	7-10-1940	M	39/64	Single.
1365	1365	Kraus, V. J. (Neonish)	1-8-1900	M	43/64	Single.
1366	1366	Kraus, V. J. (Neonish)	1-8-1900	M	16/32	Single.
1367	1367	Kraus, V. J. (Neonish)	0-20-1915	M	7/8	Single.
1368	1368	Kraus, V. J. (Neonish)	12-27-1917	M	43/64	Single.

## NOTICES

Final roll No.	1955 roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Membership	Family relationship and remarks
1357	1344	LeRoy, Kennedy	3-27-1927	M	11/32	Father.
1358	1345	LeRoy, Mary (Dietz)	5-30-1927	F	11/32	Mother.
1359	1346	LeRoy, Lena	11-20-1947	F	11/32	Daughter.
1360	1347	LeRoy, Marcela M.	9-1-1952	F	11/32	Son.
1361	1348	LeRoy, Marilyn	6-12-1949	F	11/32	Daughter.
1362	1349	LeRoy, Marilyn	6-12-1949	F	11/32	Son.
1363	1350	LeRoy, Pauline (Wauposse)	9-8-1937	F	7/16	Mother.
1364	1351	Livemore, Wayne R.	2-1-1933	M	1/4	Single, a/k/a Wayne Keshena.
1365	2981	Lloyd, Augustine (Martin)	4-2-1927	F	5/8	Married.
1366	1352	Long, Arlene (Peters)	1-30-1923	F	3/4	Mother.
1367	1353	Long, Deborah	1-26-1948	F	11/32	Daughter.
1368	1354	Long, Duane L.	1-15-1950	M	11/16	Son.
1369	1355	Long, Florence (Knapoway)	7-7-1911	F	11/16	Mother.
1370	1356	Long, Gordon J.	10-29-1923	M	11/32	Father.
1371	1357	Long, Kenneth W.	5-14-1919	M	3/8	Son.
1372	1358	Long, Leo L.	4-11-1946	M	17/32	Single, a/k/a Anita Long.
1373	1359	Long, Thelma Anita	12-27-1931	F	5/16	Married.
1374	1360	Long, Yvonne (Vigue)	2-27-1934	F	3/4	Widower.
1375	1361	Longley, George	2-26-1900	M	3/4	Single.
1376	1362	Longley, Kenneth	0-8-1919	M	3/4	Single.
1377	1363	Longley, Ronald	0-8-1919	M	3/4	Single.
1378	1364	Longley, Ronald	0-8-1919	M	3/4	Single.
1379	1365	Longley, Ronald	0-8-1919	M	3/4	Single.
1380	1366	Longley, Ronald	0-8-1919	M	3/4	Single.
1381	1367	Longley, Ronald	0-8-1919	M	3/4	Single.
1382	1368	Longley, Ronald	0-8-1919	M	3/4	Single.
1383	1369	Longley, Ronald	0-8-1919	M	3/4	Single.
1384	1370	Longley, Ronald	0-8-1919	M	3/4	Single.
1385	1371	Longley, Ronald	0-8-1919	M	3/4	Single.
1386	1372	Longley, Ronald	0-8-1919	M	3/4	Single.
1387	1373	Longley, Ronald	0-8-1919	M	3/4	Single.
1388	1374	Longley, Ronald	0-8-1919	M	3/4	Single.
1389	1375	Longley, Ronald	0-8-1919	M	3/4	Single.
1390	1376	Longley, Ronald	0-8-1919	M	3/4	Single.
1391	1377	Longley, Ronald	0-8-1919	M	3/4	Single.
1392	1378	Longley, Ronald	0-8-1919	M	3/4	Single.
1393	1379	Longley, Ronald	0-8-1919	M	3/4	Single.
1394	1380	Longley, Ronald	0-8-1919	M	3/4	Single.
1395	1381	Longley, Ronald	0-8-1919	M	3/4	Single.
1396	1382	Longley, Ronald	0-8-1919	M	3/4	Single.
1397	1383	Longley, Ronald	0-8-1919	M	3/4	Single.
1398	1384	Longley, Ronald	0-8-1919	M	3/4	Single.
1399	1385	Longley, Ronald	0-8-1919	M	3/4	Single.
1400	1386	Longley, Ronald	0-8-1919	M	3/4	Single.
1401	1387	Longley, Ronald	0-8-1919	M	3/4	Single.
1402	1388	Longley, Ronald	0-8-1919	M	3/4	Single.
1403	1389	Longley, Ronald	0-8-1919	M	3/4	Single.
1404	1390	Longley, Ronald	0-8-1919	M	3/4	Single.
1405	1391	Longley, Ronald	0-8-1919	M	3/4	Single.
1406	1392	Longley, Ronald	0-8-1919	M	3/4	Single.
1407	1393	Longley, Ronald	0-8-1919	M	3/4	Single.
1408	1394	Longley, Ronald	0-8-1919	M	3/4	Single.
1409	1395	Longley, Ronald	0-8-1919	M	3/4	Single.
1410	1396	Longley, Ronald	0-8-1919	M	3/4	Single.
1411	1397	Longley, Ronald	0-8-1919	M	3/4	Single.
1412	1398	Longley, Ronald	0-8-1919	M	3/4	Single.
1413	1399	Longley, Ronald	0-8-1919	M	3/4	Single.
1414	1400	Longley, Ronald	0-8-1919	M	3/4	Single.
1415	1401	Longley, Ronald	0-8-1919	M	3/4	Single.
1416	1402	Longley, Ronald	0-8-1919	M	3/4	Single.
1417	1403	Longley, Ronald	0-8-1919	M	3/4	Single.
1418	1404	Longley, Ronald	0-8-1919	M	3/4	Single.
1419	1405	Longley, Ronald	0-8-1919	M	3/4	Single.
1420	1406	Longley, Ronald	0-8-1919	M	3/4	Single.
1421	1407	Longley, Ronald	0-8-1919	M	3/4	Single.
1422	1408	Longley, Ronald	0-8-1919	M	3/4	Single.
1423	1409	Longley, Ronald	0-8-1919	M	3/4	Single.
1424	1410	Longley, Ronald	0-8-1919	M	3/4	Single.
1425	1411	Longley, Ronald	0-8-1919	M	3/4	Single.
1426	1412	Longley, Ronald	0-8-1919	M	3/4	Single.
1427	1413	Longley, Ronald	0-8-1919	M	3/4	Single.
1428	1414	Longley, Ronald	0-8-1919	M	3/4	Single.
1429	1415	Longley, Ronald	0-8-1919	M	3/4	Single.
1430	1416	Longley, Ronald	0-8-1919	M	3/4	Single.
1431	1417	Longley, Ronald	0-8-1919	M	3/4	Single.
1432	1418	Longley, Ronald	0-8-1919	M	3/4	Single.
1433	1419	Longley, Ronald	0-8-1919	M	3/4	Single.

Final roll No.	1955 roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Membership	Family relationship and remarks
1434	1419	McLean, Martina (Waukechon)	3-12-1925	F	3/8	Married.
1435	1420	McLindsay, Genevieve (Kenote)	11-11-1925	F	7/16	Single.
1436	1421	McPherson, Sybil R.	9-9-1915	M	3/8	Son.
1437	1422	McPherson, Donald	10-15-1912	M	21/64	Daughter.
1438	1423	McPherson, Donna	11-22-1947	F	21/64	Son.
1439	1424	McPherson, Herbert R.	2-1-1924	M	21/64	Daughter.
1440	1425	McPherson, Karen J.	9-10-1946	F	3/8	Mother.
1441	1426	McPherson, Martha (Charles)	6-16-1925	F	11/32	Mother.
1442	1427	McPherson, Mildred (Dietz)	3-23-1951	F	21/64	Son.
1443	1428	McPherson, Milton A.	7-30-1933	M	3/8	Single.
1444	1429	McPherson, Reids	11-9-1943	M	21/64	Son.
1445	1430	McPherson, Reynold J.	5-13-1907	M	3/8	Father.
1446	1431	McPherson, Richard T., Jr.	1-6-1933	M	7/32	Single.
1447	1432	McPherson, Richard T., Jr.	12-24-1935	M	3/8	Single.
1448	1433	McPherson, Roland J.	12-8-1917	M	21/64	Daughter.
1449	1434	McPherson, Woodrow J.	10-4-1952	F	3/8	Son.
1450	1435	McPherson, Yvonne	12-8-1949	F	3/8	Son.
1451	1436	Madosh, Calvin G.	4-1-1943	M	3/8	Son.
1452	1437	Madosh, Clifford	4-1-1943	M	3/8	Son.
1453	1438	Madosh, Elia (Sumpaw)	4-1-1943	M	3/8	Son.
1454	1439	Madosh, Marilyn M.	8-3-1952	F	3/8	Son.
1455	1440	Madosh, Laura	12-28-1941	F	3/8	Daughter.
1456	1441	Madosh, Melton James	3-20-1947	M	3/8	Daughter.
1457	1442	Madosh, Melton James	6-3-1915	M	3/8	Son.
1458	1443	Madosh, Sharon	10-13-1948	F	3/8	Son.
1459	1444	Madosh, Sharon	4-6-1944	F	3/8	Daughter.
1460	1445	Mahkmetass, Antoinette	10-8-1943	F	23/32	Daughter.
1461	1446	Mahkmetass, Calvin J.	3-22-1923	M	7/8	Father.
1462	1447	Mahkmetass, Crystal (Teller)	9-23-1925	F	9/16	Mother.
1463	1448	Mahkmetass, Earl	7-13-1912	M	3/4	Single.
1464	1449	Mahkmetass, Edmund	8-23-1912	M	7/8	Single.
1465	1450	Mahkmetass, Edward	7-22-1908	M	3/4	Father.
1466	1451	Mahkmetass, Elizabeth (Tobac)	3-1-1920	F	7/8	Mother.
1467	1452	Mahkmetass, Henry	5-1-1920	M	7/8	Father.
1468	1453	Mahkmetass, Howard	10-6-1924	M	13/16	Married.
1469	1454	Mahkmetass, Gloria (Neconish)	9-9-1924	F	1/2	Mother.
1470	1455	Mahkmetass, Jane M.	12-13-1900	M	11/16	Daughter.
1471	1456	Mahkmetass, Leo	7-10-1948	M	56/64	Son.
1472	1457	Mahkmetass, Leonard D.	4-6-1954	M	27/64	Wife.
1473	1458	Mahkmetass, Margaret (Vlander)	9-24-1909	F	27/32	Mother.
1474	1459	Mahkmetass, Matilda	9-14-1933	F	11/16	Daughter.
1475	1460	Mahkmetass, Nolen M.	1-10-1932	F	11/16	Single.
1476	1461	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1477	1462	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1478	1463	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1479	1464	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1480	1465	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1481	1466	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1482	1467	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1483	1468	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1484	1469	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1485	1470	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1486	1471	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1487	1472	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1488	1473	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1489	1474	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1490	1475	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1491	1476	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1492	1477	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1493	1478	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1494	1479	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1495	1480	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1496	1481	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1497	1482	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1498	1483	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1499	1484	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1500	1485	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1501	1486	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1502	1487	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1503	1488	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1504	1489	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1505	1490	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1506	1491	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1507	1492	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1508	1493	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1509	1494	Mahkmetass, Peter	1-10-1932	F	11/16	Single.
1510	1495	Mahkmetass, Peter	1-10-1932	F	11/16	Single.

Mother, a/k/a M. Sullivan

Mother.

3/4

2-6-1930

F

Mother, a/k/a M. Sullivan

Mother.

3/4

2-6-1930

F

1950 roll No.	1941 roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Memorial- ize blood	Family relationship and remarks
1367	1361	Marlin, Melanio A.	7-29-1951	F	1/2	Daughter.
1368	1362	Marlin, Mose.	7-1-1921	M	7/8	Father.
1369	1363	Marlin, Peter A.	2-15-1913	M	9/32	Daughter.
1370	1364	Marlin, Peter Frederick.	1-6-1910	M	17/64	Father.
1371	1365	Marlin, Petronel (Keshend)	2-8-1931	M	1/64	Mother.
1372	1366	Marlin, Sally A.	15-2-1923	F	21/64	Daughter.
1373	1367	Marlin, Susan M.	6-2-1933	F	21/64	Daughter.
1374	1368	Marlin, Theresa	1-10-1910	F	6/8	Sister.
1375	1369	Marlin, Wayne	7-20-1939	M	6/8	Father.
1376	1370	Marlin, Wesley J.	11-2-1925	M	3/8	Father.
1377	1371	Marlin, William G.	3-20-1931	M	21/64	Son.
1378	1372	Maskewit, Aileen	2-18-1915	F	1/2	Daughter.
1379	1373	Maskewit, Carol	1-10-1931	F	16/16	Single.
1380	1374	Maskewit, Dolores A.	12-20-1931	F	16/16	Single.
1381	1375	Maskewit, Donald	2-21-1933	M	16/16	Married.
1382	1376	Maskewit, Dorothy	1-18-1911	F	16/16	Married.
1383	1377	Maskewit, Edmund	12-21-1903	M	4/4	Father.
1384	1378	Maskewit, Elizabeth	12-21-1903	F	16/16	Single.
1385	1379	Maskewit, Florence (Sanapaw)	11-21-1939	F	23/32	Son.
1386	1380	Maskewit, Francis R.	8-4-1931	M	1/2	Single.
1387	1381	Maskewit, Frank	1-1-1902	M	1/4	Married.
1388	1382	Maskewit, Frank A.	3-4-1930	M	3/4	Single.
1389	1383	Maskewit, John J.	12-20-1915	M	3/4	Married.
1390	1384	Maskewit, Ruth J.	12-20-1915	F	17/16	Sister.
1391	1385	Maskewit, Mary M. (Hawke)	12-20-1915	F	17/16	Sister.
1392	1386	Maskewit, Mildred J.	9-19-1904	F	12	Wife, n/k/a Emma.
1393	1387	Maskewit, Mitchell J., Jr.	9-21-1920	M	4/4	Single.
1394	1388	Maskewit, Ronald J.	2-8-1940	M	3/4	Son (mother No. 3183).
1395	1389	Maskewit, Rex	5-21-1923	M	1/2	Daughter.
1396	1390	Matokunow, Polynkevitz (deceased)	9-10-1927	F	16/32	Deceased, n/k/a John.
1397	1391	Mateloma, Marguerite (Munson)	1598	F	16/32	Huband.
1398	1392	Mateloma, Thomas Joseph	9-28-1929	M	3/4	Single, n/k/a Gus Sullivan.
1399	1393	Matelapator, August	5-30-1920	M	13/16	Single, n/k/a O. Sullivan.
1400	1394	Matelapator, Catherine	6-3-1939	F	13/16	Single, n/k/a O. Sullivan.
1401	1395	Matelapator, Cecelia	1-20-1932	F	3/4	Mother.
1402	1396	Matelapator, Clara (Corn)	7-20-1906	F	13/16	Single, n/k/a Dave Sullivan.
1403	1397	Matelapator, David J.	6-29-1916	M	3/4	Single, n/k/a Ed Sullivan.
1404	1398	Matelapator, Edward	10-7-1891	M	4/4	Wife, n/k/a E. Sullivan.
1405	1399	Matelapator, Elizabeth (Kookuk)	11-30-1902	F	39/64	Son (mother, No. 1259).
1406	1400	Matelapator, Frederick A.	12-14-1917	M	3/4	Daughter.
1407	1401	Matelapator, Freda N.	12-5-1931	F	3/4	Daughter.
1408	1402	Matelapator, Genevieve O.	6-4-1945	F	3/4	Daughter.
1409	1403	Matelapator, Gregory	9-21-1927	M	17/16	Father.
1410	1404	Matelapator, Joseph	1-10-1901	M	4/4	Son.
1411	1405	Matelapator, Lawrence	5-24-1939	M	13/16	Single, n/k/a L. Sullivan.
1412	1406	Matelapator, Margaret	2-16-1935	F	13/16	Single, n/k/a M. Sullivan.
1413	1407	Matelapator, Russell J.	6-8-1917	M	3/4	Son.
1414	1408	Matelapator, Thomas	1-7-1928	M	13/16	Single, n/k/a Tom Sullivan.
1415	1409	Matelapator, William	0-27-1921	M	13/16	Father, n/k/a W. Sullivan.
1416	1410	Meil, Donna (Frechette)	0-24-1931	F	1/4	Married.
1417	1411	Melotte, Gabriel (deceased)	1889	M	1/2	Deceased.
1418	1412	Melotte, Helen (Corn)	11-27-1937	F	41/64	Married.
1419	1413	Melotte, Joseph	3-6-1934	M	16/32	Married.
1420	1414	Melotte, Leal R.	3-1-1931	M	23/32	Married.
1421	1415	Melotte, William (deceased)	8-12-1871	M	1/2	Deceased.
1422	1416	Mendez, Joya (Konoto)	1-17-1912	F	7/16	Daughter.
1423	1417	Memaro, Rosella (Oshkenanlaw)	12-19-1910	F	27/32	Married.
1424	1418	Memarin, Mary (Wolf)	11-16-1915	F	23/32	Married.
1425	1419	Memolin, Mary (Wolf)	1912	F	7/16	Married.
1426	1420	Memonies, Barbara T.	6-7-1919	F	6/8	Married.
1427	1421	Memonies, Byron	10-3-1922	M	61/64	Single.
1428	1422	Memonies, Earl J.	3-8-1942	M	61/64	Son.
1429	1423	Memonies, Edward	12-2-1912	M	61/64	Married.
1430	1424	Memonies, Joseph (deceased)	5-2-1914	M	61/64	Deceased.
1431	1425	Memonies, Joseph	5-6-1937	M	61/64	Single.
1432	1426	Memonies, Ronald J.	5-8-1933	M	61/64	Single.
1433	1427	Memonies, Ronald J.	11-5-1933	M	61/64	Single.
1434	1428	Memonies, Rudolph	4-12-1903	M	16/32	Single.
1435	1429	Memore, Andrew Everett	2-23-1890	M	17/32	Father.
1436	1430	Memore, Alexander	5-21-1935	M	39/64	Son, n/k/a Everett Andrew M.
1437	1431	Memore, Bernard	2-17-1913	M	16/32	Married.
1438	1432	Memore, Corine (Gauthier)	5-23-1890	F	47/128	Married.

Final roll No.	1946 roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Mentally deficient blood	Family relationship and remarks
1568	1574	Menore, Dorothy N. (Diet)	2-22-1921	F	13/22	Mother, a/k/a Non.
1569	1575	Menore, Daniel M.	6-5-1923	F	16/22	Daughter.
1570	1576	Menore, Victor M.	3-29-1927	F	17/22	Mother.
1571	1577	Menore, William	8-6-1918	F	16/22	Daughter.
1572	1578	Menore, Lorraine	1-31-1916	F	35/123	Daughter (mother, No. 223)
1573	1579	Meyowynn, Mitchell	5-30-1900	M	3/4	Married.
1574	1580	Mick, Philomino (Selmanadore)	3-4-1910	F	6/16	Married.
1575	1581	Miller, Adrian	4-27-1919	F	7/61	Son.
1576	1582	Miller, Arathia (Grignon)	0-10-1921	F	27/61	Mother.
1577	1583	Miller, Anna (Febau)	7-20-1921	F	11/22	Mother, a/k/a June.
1578	1584	Miller, Barbara J.	12-15-1919	F	1/4	Daughter.
1579	1585	Miller, Benjamin	3-9-1918	M	1/2	Single.
1580	1586	Miller, Bernard J.	8-8-1923	M	1/4	Single.
1581	1587	Miller, David A.	10-31-1922	M	1/2	Son.
1582	1588	Miller, David	4-22-1918	F	27/61	Daughter.
1583	1589	Miller, Elmer J.	10-9-1912	F	1/2	Married.
1584	1590	Miller, Elmer J.	10-9-1912	F	6/16	Daughter.
1585	1591	Miller, Fred	4-17-1922	F	3/8	Widower.
1586	1592	Miller, Frederick S.	6-9-1915	M	3/16	Widower.
1587	1593	Miller, Gerald J.	12-15-1915	M	6/10	Son.
1588	1594	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1589	1595	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1590	1596	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1591	1597	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1592	1598	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1593	1599	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1594	1600	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1595	1601	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1596	1602	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1597	1603	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1598	1604	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1599	1605	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1600	1606	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1601	1607	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1602	1608	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1603	1609	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1604	1610	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1605	1611	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1606	1612	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1607	1613	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1608	1614	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1609	1615	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1610	1616	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1611	1617	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1612	1618	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1613	1619	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1614	1620	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1615	1621	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1616	1622	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1617	1623	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1618	1624	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1619	1625	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1620	1626	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1621	1627	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1622	1628	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1623	1629	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1624	1630	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1625	1631	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1626	1632	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1627	1633	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1628	1634	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1629	1635	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1630	1636	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1631	1637	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1632	1638	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1633	1639	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1634	1640	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1635	1641	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1636	1642	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1637	1643	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1638	1644	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1639	1645	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1640	1646	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1641	1647	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1642	1648	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1643	1649	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1644	1650	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1645	1651	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1646	1652	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1647	1653	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1648	1654	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1649	1655	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1650	1656	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1651	1657	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1652	1658	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1653	1659	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1654	1660	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1655	1661	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1656	1662	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1657	1663	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1658	1664	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1659	1665	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1660	1666	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1661	1667	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1662	1668	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1663	1669	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1664	1670	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1665	1671	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1666	1672	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1667	1673	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1668	1674	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1669	1675	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1670	1676	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1671	1677	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1672	1678	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1673	1679	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1674	1680	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1675	1681	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1676	1682	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1677	1683	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1678	1684	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1679	1685	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1680	1686	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1681	1687	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1682	1688	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1683	1689	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1684	1690	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1685	1691	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1686	1692	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1687	1693	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1688	1694	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1689	1695	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1690	1696	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1691	1697	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1692	1698	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1693	1699	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1694	1700	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1695	1701	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1696	1702	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1697	1703	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1698	1704	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1699	1705	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1700	1706	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1701	1707	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1702	1708	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1703	1709	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1704	1710	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1705	1711	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1706	1712	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1707	1713	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1708	1714	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1709	1715	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1710	1716	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1711	1717	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1712	1718	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1713	1719	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1714	1720	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1715	1721	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1716	1722	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1717	1723	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1718	1724	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1719	1725	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1720	1726	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1721	1727	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1722	1728	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1723	1729	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1724	1730	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1725	1731	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1726	1732	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1727	1733	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1728	1734	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1729	1735	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1730	1736	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1731	1737	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1732	1738	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1733	1739	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1734	1740	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1735	1741	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1736	1742	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1737	1743	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1738	1744	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1739	1745	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1740	1746	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1741	1747	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1742	1748	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1743	1749	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1744	1750	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1745	1751	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1746	1752	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1747	1753	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1748	1754	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1749	1755	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1750	1756	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1751	1757	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1752	1758	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1753	1759	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1754	1760	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1755	1761	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1756	1762	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1757	1763	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1758	1764	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1759	1765	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1760	1766	Miller, Glenn F.	7-9-1915	M	1/2	Son.
1761	1767	Miller, Glenn F.	7-9-1915	M		

FISAL. BOY—MENOMINEE TRIBE OF INDIANS OF WISCONSIN—Continued

Final roll No.	1956 roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Memori- al blood	Family relationship and remarks
1743	1726	Nichols, Marjorie (Corn)	12-10-1920	F	9/16	Married.
1744	1727	Nixon, Gemme (O'Connor)	2-24-1928	F	1/2	Married.
1745	1728	Norton, Elizabeth (Kinnepoway)	3-16-1930	F	27/62	Single.
1746	1729	Notinokoy, Fred	11-12-1926	M	1/4	Single.
1747	1733	Notinokoy, Fred	8-2-1917	M	1/4	Mother.
1748	1736	Notinokoy, Jane (Wainpoose)	12-5-1924	F	26/32	1/2
1749	1730	Notinokoy, Nanettes	2-1-1949	F	1/4	Daughter.
1750	1734	Notinokoy, Rose M.	11-4-1918	F	1/2	Husband, a/k/a Joseph.
1751	1735	Notinokoy, Shawanomokassy	9-8-1952	F	1/2	Daughter.
1752	1732	Nunway, Carol L.	10-9-1946	F	7/16	Son.
1753	1740	Nunway, John (deceased)	10-9-1897	M	4/4	Deceased.
1754	1741	Nunway, Veronica V	4-11-1927	F	1/2	Mother.
1755	1742	Nusko, Virginia (Freidenberg)	9-26-1936	F	11/32	Married.
1756	1743	O'Connor, Audrey	1-18-1933	F	1/2	Single.
1757	1744	O'Connor, Christian J.	11-4-1934	F	1/2	Single.
1758	1745	O'Connor, Elizabeth (Tucker)	6-26-1897	F	3/4	Married, s/k/a Florence.
1759	1746	O'Connor, Francis J.	2-26-1933	F	3/4	Married, s/k/a Florence.
1760	1747	O'Connor, Gordon J.	1-4-1929	M	1/2	Single.
1761	1748	O'Connor, Lawrence	9-1-1930	M	1/2	Single.
1762	1743	O'Connor, Margaret (Waukechon)	4-23-1905	F	23/62	Married.
1763	1749	O'Connor, Patricia	11-14-1939	F	23/62	Married.
1764	1750	O'Connor, Spencer, F.	6-18-1940	M	7/8	Son (mother, No. 2307).
1765	1751	O'Hopass, Frank	6-18-1913	M	7/8	Single, s/k/a Henry Wayka
1766	1752	O'Hopass, Henry	9-3-1927	M	7/8	Single.
1767	1753	O'Hopass, James	9-3-1927	M	7/8	Single.
1768	1754	O'Hopass, Wauupwano	1890	M	3/4	Married, s/k/a Charlio
1769	1754	O'Hopass, Wauupwano	1890	M	3/4	Married, s/k/a Charlio
1770	1758	O'Kachekum, Darrell T.	7-2-1950	M	7/8	Son.
1771	1755	O'Kachekum, John	9-28-1903	M	7/8	Single.
1772	1756	O'Kachekum, John O.	12-25-1917	M	16/16	Father.
1773	1757	O'Kachekum, Joseph	6-28-1911	M	7/8	Single.
1774	1757	O'Kachekum, Susie (Beauprey)	12-6-1921	F	13/16	Mother.
1775	1758	O'Kimesh, Ahpabak	10-1-1915	F	1/4	Single, s/k/a Charles.
1776	1758	O'Kimesh, Anna B.	7-21-1948	F	3/8	Daughter.
1777	1759	O'Kimesh, Audrey E.	11-7-1940	F	3/8	Daughter.
1778	1763	O'Kimesh, Davey J.	5-9-1939	F	3/8	Daughter.
1779	1765	O'Kimesh, Ethel L.	4-30-1943	F	3/8	Daughter.
1780	1769	O'Kimesh, Forrest J.	5-27-1951	F	3/8	Daughter.
1781	1770	O'Kimesh, Gardie M.	3-28-1953	F	3/8	Son.
1782	1767	O'Kimesh, John L.	6-12-1947	F	3/8	Daughter.
1783	1761	O'Kimesh, Naytamo (Peppomaniwsky)	1885	F	3/8	Son.
1784	1762	O'Kimesh, Peter	6-8-1915	F	3/4	Widow.
1785	1766	O'Kimesh, Peter R.	13-10-1963	M	3/8	Father.
1786	1778	Olson, Charlene R.	12-29-1903	F	49/128	Daughter.
1787	1781	Olson, Clarence	6-7-1951	M	49/128	Son.
1788	1777	Olson, Clifford J.	5-1-1929	M	49/64	Mother.
1789	1772	Olson, Lucille (Wahkinkotass)	11-25-1946	F	49/128	Son.
1790	1774	Olson, Martin J. (Heath)	3-30-1923	M	13/16	Married, s/k/a Dolores.
1791	1779	Olson, Richard M.	2-11-1945	M	49/128	Daughter.
1792	1782	Olson, Richard J.	10-6-1948	M	49/128	Son.
1793	1781	Oshkin, Jeanette (Kagunash)	6-7-1940	F	43/64	Married.
1794	1781	Oshkin, Jeanette (Kagunash)	6-7-1940	F	43/64	Father.
1795	1783	Oshkin, Elmer J., Sr.	3-7-1944	M	3/4	Son.
1796	1782	Oshkin, Frances (Amob)	11-18-1915	F	3/4	Mother.
1797	1782	Oshkin, Elmer James, Jr.	4-17-1921	M	3/8	Single.
1798	1784	Oshkin, Mitchell	1-31-1933	M	27/32	Father.
1799	1786	Oshkin, Elizabeth (Tucker)	12-3-1927	F	37/64	Daughter.
1800	1785	Oshkeshequoam, Cary Ann	8-13-1950	F	25/64	Daughter.
1801	1787	Oshkeshequoam, Janice	6-11-1944	F	25/32	Daughter.
1802	1792	Oshkeshequoam, Leonard	6-22-1922	M	25/32	Son.
1803	1790	Oshkeshequoam, Morris F.	2-17-1953	M	27/32	Deceased.
1804	1789	Oshkeshequoam, Mark F.	9-29-1917	M	11/16	Mother.
1805	1793	Oshkeshequoam, Mose (deceased)	5-8-1883	M	11/16	Deceased.
1806	1794	Oshkeshequoam, Robert L.	12-6-1931	M	25/64	Son.
1807	1791	Oshkeshequoam, Theresa M.	6-24-1924	F	37/64	Daughter.
1808	1788	Oshkeshequoam, Victoria M.	5-13-1905	F	25/32	Deceased.
1809	1795	Oshkosh, Catherine (Waukow)	5-13-1947	F	4/4	Mother.
1810	1796	Oshkosh, Catherine (Waukow)	5-13-1947	F	1/2	Son.
1811	1798	Oshkosh, Elmer	5-20-1916	M	9/32	Single.
1812	1790	Oshkosh, Lawrence M.	6-14-1924	M	9/32	Single.
1813	1804	Oshkosh, Margaret (Soman)	7-15-1895	F	7/16	Wife.
1814	1801	Oshkosh, Ronald	1-13-1930	M	25/32	Single.
1815	1801	Oshkosh, Rowena J.	12-26-1944	F	25/32	Daughter.
1816	1797	Oshkosh, Roy	7-13-1898	M	9/16	Widow.
1817	1802	Oshkosh, Thomas A.	4-27-1902	M	3/4	Husband.
1818	1803	Oshkosh, Thomas A.	4-27-1902	M	3/4	Single.
1819	1805	Oradovic, Adelbert	3-30-1932	M	3/8	Daughter.
1820	1810	Oradovic, Angela L.	5-3-1942	F	3/8	Daughter.

ETNAL ROLL—MENOMINEE TRIBE OF INDIANS OF WISCONSIN—Continued

1955 "real" roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degrees of Memori- noe blood	Family relationship and remarks
1644	Munson, Lorraine (Sheshequan)	10-9-1919	F	3/4	Mother, s/k/a Lorena.
1645	Munson, Marguerite L.	11-2-1934	F	3/8	Daughter.
1646	Munson, Mary (Goodfey)	11-2-1934	F	3/8	Married.
1651	Munson, Mary Cecelia (Relier)	9-7-1933	F	3/8	Daughter.
1652	Munson, Susan A.	8-2-1906	F	3/8	Married.
1653	Nachowsky, Ester (boyd)	1-10-1911	F	13/16	Married.
1654	Nachowsky, Frank	7-8-1920	M	13/16	Mother.
1655	Nacotte, Joseph (Kitchanoway)	7-30-1927	F	15/16	Wife.
1656	Nacotte, Charlotte (Beaucurey)	10-2-1896	F	5/8	Son.
1657	Nacotte, Evelyn L.	7-15-1950	F	7/8	Daughter.
1658	Nacotte, Janet R.	10-20-1949	F	13/32	Daughter.
1659	Nacotte, Levi	8-7-1853	F	7/8	Daughter.
1660	Nacotte, Mitchell, Sr.	4-19-1918	M	13/16	Single.
1661	Nacotte, Mitchell P., Jr.	5-15-1931	M	4/4	Husband.
1662	Nacotte, Patricia A.	4-4-1924	F	13/16	Father.
1663	Nacotte, Sherwyn J.	5-21-1951	F	7/8	Daughter.
1664	Nacotte, Thomas M.	6-16-1946	M	7/8	Son.
1665	Nahwahquaw, Agnes (O'Kimosh) (de- ceased)	6-25-1864	F	13/32	Deceased, s/k/a Ashko- gokomakolew.
1666	Nahwahquaw, Agnes Rose	8-11-1943	F	7/8	Alone.
1667	Nahwahquaw, Dennis	12-28-1944	M	11/16	Son.
1668	Nahwahquaw, John B.	12-30-1945	M	11/16	Father.
1669	Nahwahquaw, Joseph, Jr.	12-31-1925	M	11/16	Son.
1670	Nahwahquaw, Joseph, Sr.	4-21-1884	M	11/16	Deceased.
1671	Nahwahquaw, Leon (Waubamusum)	9-13-1924	F	1/2	Mother.
1672	Nahwahquaw, Winfred	1-31-1901	F	5/8	Daughter.
1673	Neonish, Bernadine	11-17-1941	F	3/4	Father, s/k/a Ernest.
1674	Neonish, Buckhawk	1800	M	1/2	Wife.
1675	Neonish, Catherine (Mabikmetass)	1904	F	9/32	Son (mother, No. 1900).
1676	Neonish, Clayton Edward	8-20-1916	M	9/32	Daughter.
1677	Neonish, Clayton John	0-8-1924	F	1/4	Widower.
1678	Neonish, Deborah	4-20-1946	F	3/4	Son.
1679	Neonish, Dorey Anthony	1886	M	1/4	Son.
1680	Neonish, Francis D.	0-9-1943	M	5/8	Son.
1681	Neonish, James	8-8-1945	M	5/8	Son.
1682	Neonish, Jane (Hawpess)	9-30-1932	F	1/2	Mother.
1683	Neonish, Joseph E.	1-10-1902	M	5/8	Father.
1684	Neonish, Joseph E.	4-18-1909	M	41/64	Single.
1685	Neonish, Kowepany	2-18-1903	M	9/8	Single, husband, s/k/a Isadore.
1686	Neonish, Kowepany	7-10-1927	M	19/32	Mother.
1687	Neonish, Loretty J. (boyd)	5-10-1927	F	21/32	Mother.
1688	Neonish, Marie (Orignon)	1-24-1948	F	3/4	Daughter.
1689	Neonish, Richard	10-3-1936	M	3/4	Single, s/k/a Freeman.
1690	Neonish, Ronald	7-27-1931	M	41/64	Single.
1691	Neonish, Roxanne M.	5-16-1931	F	7/8	Single.
1692	Neonish, Ruth A.	2-17-1940	F	41/64	Daughter.
1693	Neonish, Virginia R.	4-21-1938	F	7/8	Single.
1694	Neosh, Delores E.	4-24-1933	F	7/8	Single.
1695	Neosh, Donna J.	11-23-1943	F	7/8	Daughter.
1696	Neosh, Edna (Shawamomitta)	9-1-1922	F	27/32	Daughter.
1697	Neosh, Marie	3-1-1920	F	13/16	Mother.
1698	Neosh, Melvina	4-30-1943	F	7/8	Daughter.
1699	Neosh, Milton L.	4-21-1933	M	3/4	Daughter.
1700	Neosh, Mose L.	12-1-1919	M	7/8	Single.
1701	Neosh, Nell W.	4-7-1941	F	27/32	Married.
1702	Neosh, Rose M.	4-23-1940	F	3/4	Daughter.
1703	Neosh, Theima (Waubamusum)	12-24-1932	F	5/8	Married.
1704	Neuskee, Esther	5-28-1933	F	1/6	Single.
1705	Neuskee, Martha (Whitedash)	4-21-1904	F	1/2	Mother.
1706	Neuskee, John E.	6-13-1929	M	1/4	Single.
1707	Neuskee, John E.	1-12-1950	M	5/16	Alone.
1708	Newton, Elizabeth A.	10-17-1943	F	5/16	Adopted son.
1709	Newton, Frederick R.	6-7-1939	M	5/16	Alone.
1710	Newton, John R.	5-30-1953	M	5/16	Adopted son.
1711	Newton, Mildred L.	11-8-1944	F	5/16	Alone.
1712	Newton, Margaret E.	11-17-1946	F	5/16	Single.
1713	Newton, Rose M.	5-25-1938	F	5/16	Single.

Final No.	Name--Surname; given; maiden	Date of Birth	Sex	Degree of Nemo- neo blood	Family relationship and remarks
1821	Orlando, Christine L.	2-10-1910	F	3/8	Daughter.
1822	Orlando, Evelyn (Viggo)	1-4-1928	F	3/8	Mother.
1823	Orlando, Francis A.	1-6-1928	M	3/8	Mother.
1824	Orlando, Gertrude A.	8-6-1928	F	3/8	Single.
1825	Orlando, Gertrude A.	10-6-1928	F	3/8	Mother.
1826	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1827	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1828	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1829	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1830	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1831	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1832	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1833	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1834	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1835	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1836	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1837	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1838	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1839	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1840	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1841	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1842	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1843	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1844	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1845	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1846	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1847	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1848	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1849	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1850	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1851	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1852	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1853	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1854	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1855	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1856	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1857	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1858	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1859	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1860	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1861	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1862	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1863	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1864	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1865	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1866	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1867	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1868	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1869	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1870	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1871	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1872	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1873	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1874	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1875	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1876	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1877	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1878	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1879	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.
1880	Orlando, Gertrude A.	6-29-1928	F	3/8	Son.



Final roll No.	1955 roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Nicom- nes blood	Family relationship and remarks
1978	1982	Peters, Alvin J.	4-10-1954	M	7/16	Son.
1979	1983	Peters, Alex J.	3-11-1907	M	5/8	Father.
1980	1984	Peters, Alex J.	3-7-1933	M	43/64	Single.
1981	1985	Peters, Alvin J.	4-3-1927	M	3/8	Single.
1982	1986	Peters, Andrew	1886	F	7/8	Father.
1983	1987	Peters, Ann Marie	5-31-1950	F	31/64	Daughter.
1984	1988	Peters, Ann Marie	5-11-1940	F	1/2	Daughter.
1985	1989	Peters, Arletta R.	12-21-1951	F	43/128	Daughter.
1986	1990	Peters, Arnold J.	6-4-1945	M	43/64	Son.
1987	1991	Peters, Barbara R.	6-5-1954	F	9/16	Daughter.
1988	1992	Peters, Carmela M.	1-9-1951	F	9/16	Daughter.
1989	1993	Peters, Catherine Delores	2-22-1941	F	33/64	Granddaughter.
1990	1994	Peters, Catherine (Dick)	11-20-1912	F	13/16	Mother.
1991	1995	Peters, Catherine Frances	1-10-1936	F	1/4	Single.
1992	1996	Peters, Clifford	1-29-1934	M	3/4	Single.
1993	1997	Peters, Darlene (Dodge)	9-22-1939	F	9/16	Mother.
1994	1998	Peters, Darrell J.	3-10-1951	M	69/128	Son.
1995	1999	Peters, Dawn M.	12-8-1943	F	1/2	Daughter.
1996	2000	Peters, Deloris J.	4-10-1959	F	43/64	Mother.
1997	2001	Peters, Dorothy (Galloite)	6-16-1919	F	3/8	Single.
1998	2002	Peters, Edna M.	11-28-1927	F	43/64	Mother.
1999	2003	Peters, Elaine M.	8-28-1920	F	57/64	Mother.
2000	2004	Peters, Elinor W.	4-23-1922	F	1/2	Single.
2001	2005	Peters, Frances (Wychesit)	1-21-1913	F	3/16	Mother, a/k/a F. Marto Peters.
2002	2006	Peters, Franklin J.	4-25-1951	M	15/32	Son.
2003	2007	Peters, George (deceased)	10-21-1885	M	5/8	Deceased.
2004	2008	Peters, Gerhart	9-16-1913	M	3/4	Married.
2005	2009	Peters, Gladys (Diekto)	7-18-1930	F	11/32	Mother.
2006	2010	Peters, Glenda J.	10-18-1940	F	7/16	Daughter.
2007	2011	Peters, Hennesia J.	6-30-1950	F	43/64	Daughter.
2008	2012	Peters, James A.	12-26-1931	M	7/16	Single.
2009	2013	Peters, Janet M.	5-6-1952	F	31/64	Daughter.
2010	2014	Peters, Janet M.	1-24-1953	F	5/8	Single.
2011	2015	Peters, Joan A.	2-10-1923	M	3/4	Married.
2012	2016	Peters, John A.	5-11-1920	M	3/4	Single.
2013	2017	Peters, Joseph	1-6-1925	M	6/16	Single.
2014	2018	Peters, Joseph	3-24-1894	M	6/8	Single.
2015	2019	Peters, Josephine (Moshoquut)	2-19-1923	F	5/8	Mother.
2016	2020	Peters, Joyce (Marlin)	11-6-1931	F	31/64	Mother.
2017	2021	Peters, Karen Beverly	10-17-1941	F	43/64	Daughter.
2018	2022	Peters, Lawrence James	8-26-1923	M	1/2	Daughter.
2019	2023	Peters, Lawrence James	6-21-1953	M	3/4	Daughter.
2020	2024	Peters, Lillian (Wapoose)	6-16-1931	F	11/16	Daughter.
2021	2025	Peters, Lorraine	2-24-1932	F	57/64	Single.
2022	2026	Peters, Lorraine	5-30-1921	F	57/64	Single.
2023	2027	Peters, Magie (Teplov)	2-1-1911	F	13/32	Single.
2024	2028	Peters, Margaret J.	10-27-1930	F	23/32	Mother.
2025	2029	Peters, Marvin	1-24-1937	M	43/64	Single.
2026	2030	Peters, Mary	9-8-1951	F	3/4	Single.
2027	2031	Peters, Mary Alice	10-10-1900	F	7/8	Single.
2028	2032	Peters, Mary (Warrington)	11-3-1921	F	7/8	Daughter.
2029	2033	Peters, Melva Elsie	4-11-1920	F	5/8	Mother, a/k/a Pauline.
2030	2034	Peters, Melva Elsie	10-10-1948	F	5/8	Single.
2031	2035	Peters, Myrna	12-15-1930	F	17/32	Daughter.
2032	2036	Peters, Myrtle	5-4-1930	F	5/16	Single.
2033	2037	Peters, Patricia (Stevens)	3-7-1914	F	31/32	Deceased.
2034	2038	Peters, Patrick L. (deceased)	8-12-1897	M	4/4	Mother.
2035	2039	Peters, Pauline (Maskewit)	2-14-1948	F	7/16	Daughter.
2036	2040	Peters, Odette M.	10-10-1934	F	43/64	Single.
2037	2041	Peters, Orvis	10-30-1939	M	1/4	Single.
2038	2042	Peters, Robert	1-23-1947	M	43/64	Son.
2039	2043	Peters, Robert J.	2-12-1961	M	13/32	Daughter.
2040	2044	Peters, Robert M.	5-6-1933	M	57/64	Husband.
2041	2045	Peters, Roger	1-16-1931	M	9/16	Single.
2042	2046	Peters, Roger F.	10-16-1920	M	1/4	Single.
2043	2047	Peters, Shirley A.	5-27-1941	F	13/16	Daughter.
2044	2048	Peters, Stephen A.	3-21-1950	M	43/64	Daughter, a/k/a LaRonna.
2045	2049	Peters, Thomas J.	9-21-1929	M	17/32	Son.
2046	2050	Peters, Twyla M.	2-21-1953	F	3/8	Married.
2047	2051	Peters, Twyla M.	7-2-1949	F	17/32	Daughter.
2048	2052	Peters, Victoria N.	12-20-1947	F	15/32	Daughter.
2049	2053	Peters, Veronica	12-20-1947	F	57/64	Daughter.
2050	2054	Peters, Wallace, Sr.	4-17-1932	M	5/16	Father.
2051	2055	Peters, Wallace, Jr.	4-17-1932	M	1/4	Single.
2052	2056	Peters, Walter	2-2-1920	M	5/8	Husband.

Final roll No.	1956 roll No.	Name—Surname given; maiden	Date of birth	Sex	Degree of Nemom- ance blood	Family relationship and remarks
2054	2055	Peters, Walter, Jr.	12-22-1949	M	9/16	Son.
2055	2056	Peters, Weylon Thomas	6-10-1948	M	15/32	Son. a/k/a Thomas.
2056	2057	Peters, Wayne James	9-20-1935	M	9/16	Single, a/k/a Tony.
2057	2058	Peters, Winifred (deceased)	5-18-1952	F	69/128	Deceased.
2058	2059	Peters, Willard G.	5-1-1953	F	57/64	Son.
2059	2060	Peters, Wilbert W.	1-27-1946	M	6/8	Father, a/k/a Wesley.
2060	2061	Peters, Wilbert J.	2-3-1938	M	1/4	Single.
2061	2062	Peters, Willard	2-1-1925	M	6/8	Father, a/k/a Waylen.
2062	2063	Peters, Wilmer	8-24-1948	M	5/8	Father.
2063	2064	Peters, Wilmer J.	9-29-1948	M	31/64	Son.
2064	2065	Peterson, Alice	5-16-1933	F	9/16	Single.
2065	2066	Peterson, Amber O.	2-17-1948	F	9/16	Daughter.
2066	2067	Peterson, Annette P.	11-19-1944	F	7/8	Daughter.
2067	2068	Peterson, Louise (Makimietas)	12-9-1919	F	9/16	Mother.
2068	2069	Peterson, Lucille	2-28-1942	F	7/8	Daughter.
2069	2070	Peterson, Myrtle (Heath)	5-5-1922	F	11/16	Married.
2070	2071	Peterson, Norman	4-24-1935	M	9/16	Single.
2071	2072	Peterson, Rita M.	2-20-1949	F	1/4	Daughter.
2072	2073	Peterson, Roy E., Sr.	4-18-1912	M	9/16	Father.
2073	2074	Peterson, Roy E., Jr.	8-11-1946	M	9/16	Son.
2074	2075	Petrowsky, Henry	1-23-1912	M	4/4	Husband, a/k/a Henry
2075	2076	Pleard, Theresa (Trucker)	7-12-1911	F	7/8	Deceased.
2076	2077	Pleace, Dominick (Smith)	4-28-1924	F	1/4	Single.
2077	2078	Pleace, Josephine (Smith)	7-2-1908	F	7/8	Wife.
2078	2079	Pleasant, Armas (Waukechon)	2-20-1919	F	11/32	Mother.
2079	2080	Perrault, Leo F.	7-15-1946	M	11/32	Son.
2080	2081	Pillion, Isabelle (Irving)	6-24-1904	F	9/16	Married.
2081	2082	Plass, Lillian (White)	4-20-1928	F	11/32	Married.
2082	2083	Pless, Richard A.	0-6-1951	M	11/32	Son.
2083	2084	Pleshek, Kay (Kuesler)	12-4-1935	F	11/32	Married.
2084	2085	Pocan, Davey Jean	7-22-1930	F	13/32	Single.
2085	2086	Pocan, Eileen M.	4-6-1934	F	13/32	Single.
2086	2087	Pocan, Fernal T.	12-23-1942	F	13/32	Daughter.
2087	2088	Pocan, Grace (Smith)	5-11-1923	F	3/4	Mother.
2088	2089	Pocan, James J.	2-25-1932	M	13/32	Husband.
2089	2090	Pocan, Jerry J.	3-7-1950	M	3/8	Son.
2090	2091	Pocan, John Ann	9-7-1953	F	3/8	Daughter.
2091	2092	Pocan, Joseph	12-2-1945	M	3/8	Son.
2092	2093	Pocan, Joyce A.	7-20-1952	F	3/8	Daughter.
2093	2094	Pocan, Judith	2-12-1948	F	3/8	Daughter.
2094	2095	Pocan, Lorene (Wapoose)	0-30-1952	F	20/32	Married.
2095	2096	Pocan, Lynette A.	11-17-1952	F	20/32	Daughter.
2096	2097	Pocan, Ross (Pier)	1-14-1969	F	3/16	Mother.
2097	2098	Pocan, Zana (Vourimoti)	7-28-1953	F	3/16	Wife.
2098	2099	Pocan, Florence (Heller)	8-31-1924	F	19/32	Married.
2099	2100	Powell, Prince (Boyd)	8-31-1924	M	1/2	Single.
2100	2101	Powers, Myrtle B.	4-22-1924	F	6/8	Daughter.
2101	2102	Powers, Janice L.	7-6-1952	F	6/8	Daughter.
2102	2103	Powers, Roberta L.	5-20-1922	F	1/2	Father, a/k/a Roy.
2103	2104	Powers, Roy	3-6-1950	M	6/8	Daughter.
2104	2105	Powers, Roy A.	1-20-1954	M	6/8	Son.
2105	2106	Powless, Viola (Maskewit)	1-18-1931	F	3/4	Married.
2106	2107	Preston, Julia (Wynes)	8-20-1920	F	1/4	Married.
2107	2108	Prock, Theresa (O'Connor)	11-25-1917	F	1/2	Married.
2108	2109	Pucklow, Eliza	5-6-1915	F	6/8	Single.
2109	2110	Pucklow, George	3-5-1915	M	6/8	Single.
2110	2111	Pucklow, Joseph	6-20-1925	M	6/8	Single.
2111	2112	Pudla, Geneva (O'Connor)	12-3-1910	F	1/4	Married.
2112	2113	Pudla, Mary (O'Connor)	6-20-1908	F	1/4	Married.
2113	2114	Pyskowitz, Alfred P.	9-4-1949	M	57/64	Son.
2114	2115	Pyskowitz, Alfred P.	4-16-1910	M	9/16	Mother, a/k/a Lula.
2115	2116	Pyskowitz, Andrew J.	7-6-1924	M	7/8	Father.
2116	2117	Pyskowitz, Andrew J.	3-31-1948	M	57/64	Son.
2117	2118	Pyskowitz, Cassandra.	7-24-1944	F	23/32	Daughter.
2118	2119	Pyskowitz, James.	6-3-1952	M	23/32	Single.
2119	2120	Pyskowitz, Lauren Mary	11-3-1946	F	23/32	Daughter.
2120	2121	Pyskowitz, Philip Ann (Wapoose)	10-22-1931	F	23/32	Mother.
2121	2122	Pyskowitz, Robert J.	8-24-1951	M	57/64	Son.
2122	2123	Pyskowitz, Valerie	8-22-1940	F	23/32	Daughter.
2123	2124	Pyskowitz, Verne Agnes	8-17-1917	F	7/8	Father.
2124	2125	Pyskowitz, Walter J.	11-29-1949	M	91/128	Son.
2125	2126	Pvasassy, Arvin A.	12-13-1941	M	41/64	Daughter.
2126	2127	Pvasassy, Bernard	1-21-1952	F	91/128	Son.
2127	2128	Pvasassy, Cheryl Lee	10-8-1952	F	41/64	Daughter.
2128	2129	Pvasassy, Donna Rae	10-8-1952	F	91/128	Son.



[illegible]

FINAL ROLL—MEMORIAL TREE OF INDIANS OF WISCONSIN—Continued

Final roll No.	1955 roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Membership blood	Family relationship and remarks
2230	2278	Samapaw, Rolan J.	9-16-1938	M	7/16	Single, a/k/a Rolan Caldwell.
2231	2279	Samapaw, Ronald J.	11-10-1937	M	7/16	Single, a/k/a Ronald Caldwell.
2232	2280	Samapaw, Ronda O.	12-9-1946	F	7/16	Daughter, a/k/a Ronda Caldwell.
2233	2281	Santorno, Louise M.	12-2-1943	F	1/2	Gr/Daughter.
2234	2282	Satterlee, Catherine A.	7-24-1941	F	21/32	Daughter, mother No. 23.
2235	2283	Satterlee, Frank	9-24-1888	M	3/4	Single.
2236	2284	Satterlee, Jacob L.	12-15-1865	M	5/16	Single.
2237	2285	Satterlee, Marie	10-31-1864	F	5/16	Single.
2238	2286	Schannadore, Carol Ann	7-3-1948	F	17/32	Daughter.
2239	2287	Schannadore, Doris	11-23-1944	F	1/4	Son.
2240	2288	Schannadore, Doris (Chevalier)	8-19-1920	F	3/16	Daughter.
2241	2289	Schannadore, Ellen J.	9-10-1916	F	17/32	Daughter.
2242	2290	Schannadore, Edward J.	6-29-1917	M	5/16	Daughter.
2243	2291	Schannadore, Edward J.	1-11-1915	M	17/32	Daughter.
2244	2292	Schannadore, Iola (Corn)	10-15-1921	F	3/4	Mother.
2245	2293	Schannadore, LaVonne M.	6-6-1951	F	1/4	Daughter.
2246	2294	Schannadore, Mary Jane	8-29-1942	F	17/32	Daughter.
2247	2295	Schannadore, Richard E.	1-10-1942	M	1/4	Son.
2248	2296	Schannadore, Russell J.	2-27-1953	M	1/4	Son.
2249	2297	Scherer, Joyce (Richards)	12-25-1942	F	17/32	Son.
2250	2298	Schreiber, Gertrude (Richmond)	12-7-1923	F	7/32	Married.
2251	2299	Schreiber, Elia (LoRoy)	8-13-1936	F	5/8	Married.
2252	2300	Schultz, Catherine (Wescott)	2-15-1920	F	11/32	Married.
2253	2301	Schultz, Catherine (Warrington)	10-5-1927	F	3/8	Married.
2254	2302	Schultz, Eleanor (O'Connor)	4-23-1896	F	11/16	Widow.
2255	2303	Schultz, Gerhard	4-24-1923	M	1/2	Mother.
2256	2304	Schultz, Virginia (Shopreskow)	4-4-1903	F	11/32	Married.
2257	2305	Schwab, Sarah (Duquain)	1-8-1919	F	11/32	Married.
2258	2306	Scott, Nettie (Thurillott)	2-11-1914	F	1/4	Married.
2259	2307	Seestadt, Rita (Kesham)	4-20-1921	F	3/8	Married.
2260	2308	Seestadt, Clara (Houff)	7-16-1918	F	3/8	Married.
2261	2309	Seestadt, Mary (Houff)	8-20-1920	F	3/8	Married.
2262	2310	Shanawat, Angela (Loudbear)	2-2-1922	F	3/4	Daughter.
2263	2311	Shanawat, Beverly S.	12-3-1945	F	27/64	Daughter.
2264	2312	Shanawat, Clarence	12-3-1945	M	27/64	Daughter.
2265	2313	Shanawat, Clarence, Jr.	1-14-1942	M	47/64	Daughter.
2266	2314	Shanawat, Ethel (deceased)	12-30-1943	F	47/64	Daughter.
2267	2315	Shanawat, Ethel (deceased)	12-30-1943	F	47/64	Daughter.
2268	2316	Shanawat, Joseph J.	1-10-1940	M	47/64	Daughter.
2269	2317	Shanawat, Robert T.	3-4-1950	M	47/64	Daughter.
2270	2318	Shawano, Agnes	3-20-1942	F	7/16	Daughter—mother, Helen Notinkey.
2271	2319	Shawano, Alberta	7-10-1946	F	7/16	Daughter.
2272	2320	Shawano, Florence (Loudbear)	6-10-1912	F	1/2	Married.
2273	2321	Shawano, Jerry B.	7-14-1951	M	7/16	Son.
2274	2322	Shawano, Joseph J.	1-8-1907	M	3/4	Married.
2275	2323	Shawano, LaVina (Nahwahquaw)	8-23-1944	F	7/16	Daughter—mother, Helen Notinkey.
2276	2324	Shawano, Priscilla	0-3-1953	F	7/16	Son.
2277	2325	Shawano, Quantin L.	0-4-1947	M	103/128	Son.
2278	2326	Shawano, Alvin J.	10-23-1952	M	28/32	Son.
2279	2327	Shawano, Anthony	2-29-1933	M	3/4	Single.
2280	2328	Shawano, Donald	4-12-1928	M	49/64	Mother.
2281	2329	Shawano, Elia (Mahkimetass)	7-10-1949	F	103/128	Son.
2282	2330	Shawano, Garnet A.	8-20-1952	F	103/128	Daughter.
2283	2331	Shawano, Hazel M.	7-9-1918	F	27/32	Father.
2284	2332	Shawano, Herman	10-7-1939	M	3/8	Single.
2285	2333	Shawano, Joseph Junior	6-18-1907	M	7/8	Father, a/k/a Joseph Kit-son.
2286	2334	Shawano, Joseph	11-12-1951	M	23/32	Son.
2287	2335	Shawano, LaRoy A.	3-29-1953	M	103/128	Daughter.
2288	2336	Shawano, Margaret	5-29-1950	F	23/32	Single.
2289	2337	Shawano, Robert J.	7-19-1937	M	3/4	Single.
2290	2338	Shawano, Virginia (Waupees)	6-25-1932	F	23/32	Mother.
2291	2339	Shawano, Wm. (Waupees)	12-12-1919	M	13/16	Daughter.
2292	2340	Shawano, Francis K.	9-11-1935	M	13/32	Single.
2293	2341	Shawano, Frances	6-15-1931	F	5/8	Widow.
2294	2342	Shawano, Louise (Irvine)	3-14-1941	F	13/32	Widow.
2295	2343	Shawano, Louise	2-2-1888	F	4/4	Widow.

FINAL ROLL—MEMORIAL TREE OF INDIANS OF WISCONSIN—Continued

Final roll No.	1955 roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Membership blood	Family relationship and remarks
2230	2278	Shawano, Rolan J.	9-16-1938	M	7/16	Single, a/k/a Rolan Caldwell.
2231	2279	Shawano, Ronald J.	11-10-1937	M	7/16	Single, a/k/a Ronald Caldwell.
2232	2280	Shawano, Ronda O.	12-9-1946	F	7/16	Daughter, a/k/a Ronda Caldwell.
2233	2281	Santorno, Louise M.	12-2-1943	F	1/2	Gr/Daughter.
2234	2282	Satterlee, Catherine A.	7-24-1941	F	21/32	Daughter, mother No. 23.
2235	2283	Satterlee, Frank	9-24-1888	M	3/4	Single.
2236	2284	Satterlee, Jacob L.	12-15-1865	M	5/16	Single.
2237	2285	Satterlee, Marie	10-31-1864	F	5/16	Single.
2238	2286	Schannadore, Carol Ann	7-3-1948	F	17/32	Daughter.
2239	2287	Schannadore, Doris	11-23-1944	F	1/4	Son.
2240	2288	Schannadore, Doris (Chevalier)	8-19-1920	F	3/16	Daughter.
2241	2289	Schannadore, Ellen J.	9-10-1916	F	17/32	Daughter.
2242	2290	Schannadore, Edward J.	6-29-1917	M	5/16	Daughter.
2243	2291	Schannadore, Edward J.	1-11-1915	M	17/32	Daughter.
2244	2292	Schannadore, Iola (Corn)	10-15-1921	F	3/4	Mother.
2245	2293	Schannadore, LaVonne M.	6-6-1951	F	1/4	Daughter.
2246	2294	Schannadore, Mary Jane	8-29-1942	F	17/32	Daughter.
2247	2295	Schannadore, Richard E.	1-10-1942	M	1/4	Son.
2248	2296	Schannadore, Russell J.	2-27-1953	M	1/4	Son.
2249	2297	Scherer, Joyce (Richards)	12-25-1942	F	17/32	Son.
2250	2298	Schreiber, Gertrude (Richmond)	12-7-1923	F	7/32	Married.
2251	2299	Schreiber, Elia (LoRoy)	8-13-1936	F	5/8	Married.
2252	2300	Schultz, Catherine (Wescott)	2-15-1920	F	11/32	Married.
2253	2301	Schultz, Catherine (Warrington)	10-5-1927	F	3/8	Married.
2254	2302	Schultz, Eleanor (O'Connor)	4-23-1896	F	11/16	Widow.
2255	2303	Schultz, Gerhard	4-24-1923	M	1/2	Mother.
2256	2304	Schultz, Virginia (Shopreskow)	4-4-1903	F	11/32	Married.
2257	2305	Schwab, Sarah (Duquain)	1-8-1919	F	11/32	Married.
2258	2306	Scott, Nettie (Thurillott)	2-11-1914	F	1/4	Married.
2259	2307	Seestadt, Rita (Kesham)	4-20-1921	F	3/8	Married.
2260	2308	Seestadt, Clara (Houff)	7-16-1918	F	3/8	Married.
2261	2309	Seestadt, Mary (Houff)	8-20-1920	F	3/8	Married.
2262	2310	Shanawat, Angela (Loudbear)	2-2-1922	F	3/4	Daughter.
2263	2311	Shanawat, Beverly S.	12-3-1945	F	27/64	Daughter.
2264	2312	Shanawat, Clarence	12-3-1945	M	27/64	Daughter.
2265	2313	Shanawat, Clarence, Jr.	1-14-1942	M	47/64	Daughter.
2266	2314	Shanawat, Ethel (deceased)	12-30-1943	F	47/64	Daughter.
2267	2315	Shanawat, Ethel (deceased)	12-30-1943	F	47/64	Daughter.
2268	2316	Shanawat, Joseph J.	1-10-1940	M	47/64	Daughter.
2269	2317	Shanawat, Robert T.	3-4-1950	M	47/64	Daughter.
2270	2318	Shawano, Agnes	3-20-1942	F	7/16	Daughter—mother, Helen Notinkey.
2271	2319	Shawano, Alberta	7-10-1946	F	7/16	Daughter.
2272	2320	Shawano, Florence (Loudbear)	6-10-1912	F	1/2	Married.
2273	2321	Shawano, Jerry B.	7-14-1951	M	7/16	Son.
2274	2322	Shawano, Joseph J.	1-8-1907	M	3/4	Married.
2275	2323	Shawano, LaVina (Nahwahquaw)	8-23-1944	F	7/16	Daughter—mother, Helen Notinkey.
2276	2324	Shawano, Priscilla	0-3-1953	F	7/16	Son.
2277	2325	Shawano, Quantin L.	0-4-1947	M	103/128	Son.
2278	2326	Shawano, Alvin J.	10-23-1952	M	28/32	Son.
2279	2327	Shawano, Anthony	2-29-1933	M	3/4	Single.
2280	2328	Shawano, Donald	4-12-1928	M	49/64	Mother.
2281	2329	Shawano, Elia (Mahkimetass)	7-10-1949	F	103/128	Son.
2282	2330	Shawano, Garnet A.	8-20-1952	F	103/128	Daughter.
2283	2331	Shawano, Hazel M.	7-9-1918	F	27/32	Father.
2284	2332	Shawano, Herman	10-7-1939	M	3/8	Single.
2285	2333	Shawano, Joseph Junior	6-18-1907	M	7/8	Father, a/k/a Joseph Kit-son.
2286	2334	Shawano, Joseph	11-12-1951	M	23/32	Son.
2287	2335	Shawano, LaRoy A.	3-29-1953	M	103/128	Daughter.
2288	2336	Shawano, Margaret	5-29-1950	F	23/32	Single.
2289	2337	Shawano, Robert J.	7-19-1937	M	3/4	Single.
2290	2338	Shawano, Virginia (Waupees)	6-25-1932	F	23/32	Mother.
2291	2339	Shawano, Wm. (Waupees)	12-12-1919	M	13/16	Daughter.
2292	2340	Shawano, Francis K.	9-11-1935	M	13/32	Single.
2293	2341	Shawano, Frances	6-15-1931	F	5/8	Widow.
2294	2342	Shawano, Louise (Irvine)	3-14-1941	F	13/32	Widow.
2295	2343	Shawano, Louise	2-2-1888	F	4/4	Widow.

Final roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Membership blood	Family relationship and remarks
2420	Soman, Robert.....	9-23-1911	M	16/16	Father, a/k/a Robert Kaquantosh.
2421	Soman, Sandra.....	10- 6-1939	F	25/32	Son.
2422	Spruier, Margaret (Chevalier).....	2-27-1922	F	3/16	Single.
2423	Spruier, Clara (deceased).....	9-30-1922	F	3/16	Single.
2424	Spruier, Margaret C.....	11-22-1933	F	13/32	Single.
2425	Spruier, Rose (Brooks).....	6-14-1903	F	1/2	Single.
2426	Spruier, Roslyn.....	3-20-1925	F	13/32	Single.
2427	Spruier, Sandra.....	3-21-1912	F	13/32	Single.
2428	Spruier, Theodore C, Jr.....	6- 7-1913	M	8/16	Father.
2429	Spruier, Theodore C, Jr.....	8-24-1915	M	13/32	Son.
2430	Star, Rose (Keshino).....	2-17-1895	F	6/8	Married.
2431	Steele, Betty (Weshno).....	1-20-1924	F	1/2	Married.
2432	Steele, Betty K.....	1-10-1924	F	7/16	Daughter.
2433	Steele, Betty K.....	2-10-1924	F	7/16	Son.
2434	Steele, Dennis J.....	2-21-1924	M	6/32	Married.
2435	Steele, Dennis J.....	8-12-1921	M	6/32	Married.
2436	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2437	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2438	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2439	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2440	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2441	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2442	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2443	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2444	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2445	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2446	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2447	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2448	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2449	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2450	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2451	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2452	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2453	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2454	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2455	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2456	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2457	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2458	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2459	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2460	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2461	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2462	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2463	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2464	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2465	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2466	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2467	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2468	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2469	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2470	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2471	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2472	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2473	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2474	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2475	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2476	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2477	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2478	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2479	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2480	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2481	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2482	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2483	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2484	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2485	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2486	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2487	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2488	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2489	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2490	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2491	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.
2492	Stevens, Ellen R.....	8-12-1921	F	6/32	Married.

Final roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Membership blood	Family relationship and remarks
2509	Teller, Gerald.....	8-27-1910	M	86/123	Son.
2510	Teller, Henry, Jr.....	2-14-1907	M	1/2	Father.
2511	Teller, Henry, Jr.....	8-21-1907	M	1/4	Single.
2512	Teller, Hugh.....	4-11-1923	M	9/16	Father.
2513	Teller, Jerome.....	7-20-1891	M	1/4	Married.
2514	Teller, John H.....	2-22-1951	M	9/32	Son.
2515	Teller, Joseph.....	10- 2-1892	M	1/2	Father.
2516	Teller, Julia P.....	1- 8-1917	F	9/32	Daughter.
2517	Teller, Kerry.....	4-17-1952	F	25/61	Single.
2518	Teller, Loretta A.....	4-16-1931	F	7/8	Daughter.
2519	Teller, Loretta A.....	6-29-1927	F	23/32	Daughter.
2520	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2521	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2522	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2523	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2524	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2525	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2526	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2527	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2528	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2529	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2530	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2531	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2532	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2533	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2534	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2535	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2536	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2537	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2538	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2539	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2540	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2541	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2542	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2543	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2544	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2545	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2546	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2547	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2548	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2549	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2550	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2551	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2552	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2553	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2554	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2555	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2556	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2557	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2558	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2559	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2560	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2561	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2562	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2563	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2564	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2565	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2566	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2567	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2568	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2569	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2570	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2571	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2572	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2573	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2574	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2575	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2576	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2577	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2578	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2579	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2580	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2581	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2582	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2583	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2584	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2585	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2586	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2587	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2588	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2589	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2590	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2591	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.
2592	Teller, Loretta A.....	10-17-1921	F	23/32	Daughter.

FINAL ROLL—MENOMINEE TRIBE OF INDIANS OF WISCONSIN—Continued

Final roll No.	1955 roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Menominee blood	Family relationship and remarks
2555	2525	Tucker, Edward O.	11-22-1943	M	25/32	Son.
2556	2526	Tucker, Edward O.	2-15-1942	M	3/4	Single.
2557	2527	Tucker, Esther (Memore)	6-8-1903	F	7/16	Mother.
2558	2528	Tucker, Gabriel	2-17-1903	M	3/4	Father.
2559	2529	Tucker, Gabriel E., Jr.	6-18-1945	M	19/32	Son.
2560	2530	Tucker, Gary N.	10-11-1952	M	5/8	Son.
2561	2531	Tucker, Gary N.	1-23-1952	M	45/64	Daughter.
2562	2532	Tucker, Henry M.	2-1-1901	M	3/4	Single.
2563	2533	Tucker, James R.	6-14-1940	M	19/32	Single.
2564	2534	Tucker, James R.	4-14-1937	M	5/8	Single.
2565	2535	Tucker, John O.	10-8-1949	M	17/32	Son.
2566	2536	Tucker, Joseph D.	9-28-1899	M	3/4	Married.
2567	2537	Tucker, Joseph D.	11-15-1916	M	3/4	Single.
2568	2538	Tucker, Joseph D.	12-12-1943	M	3/8	Daughter.
2569	2539	Tucker, Lawrence	3-15-1943	M	7/8	Father.
2570	2540	Tucker, Leonard	10-12-1915	M	3/4	Married.
2571	2541	Tucker, Linda L.	3-28-1943	F	5/8	Daughter.
2572	2542	Tucker, Louis	6-9-1922	M	17/32	Son.
2573	2543	Tucker, Louis A.	9-20-1877	M	3/4	Widow.
2574	2544	Tucker, Lylo R.	8-1-1902	M	3/8	Married.
2575	2545	Tucker, Margaret (Heath)	1-12-1916	F	11/16	Daughter.
2576	2546	Tucker, Margaret M.	7-2-1941	F	3/8	Daughter.
2577	2547	Tucker, Mary L.	8-14-1911	F	3/8	Daughter.
2578	2548	Tucker, Mary L.	7-9-1882	F	4/4	Married.
2579	2549	Tucker, Mary L.	4-15-1885	F	3/4	Deceased.
2580	2550	Tucker, Moss (deceased)	1-20-1914	M	3/4	Married.
2581	2551	Tucker, Myron J.	7-12-1945	M	17/32	Son.
2582	2552	Tucker, Nathaniel A.	4-24-1948	M	17/32	Daughter.
2583	2553	Tucker, Norman	12-16-1940	M	5/8	Single.
2584	2554	Tucker, Peter A.	11-10-1912	M	3/4	Father.
2585	2555	Tucker, Raymond	2-15-1936	M	10/32	Single.
2586	2556	Tucker, Richard	7-1-1921	M	7/8	Single.
2587	2557	Tucker, Robert J.	11-20-1934	M	17/32	Single.
2588	2558	Tucker, Robert J.	12-24-1928	M	3/8	Married.
2589	2559	Tucker, Rosa	12-20-1921	F	3/4	Single.
2590	2560	Tucker, Ruth A.	10-18-1933	F	17/32	Daughter.
2591	2561	Tucker, Violet (Warrington)	7-15-1935	F	21/32	Mother.
2592	2562	Tucker, William	1-16-1883	M	3/8	Married.
2593	2563	Tucker, Yvonne M.	12-14-1937	F	3/8	Single.
2594	2564	Turney, David M.	4-21-1954	M	27/64	Son.
2595	2565	Turney, David W.	6-3-1939	M	1/2	Single.
2596	2566	Turney, Elmer J.	8-24-1949	M	27/32	Mother.
2597	2567	Turney, Gloria (Wauposse)	8-22-1947	F	1/2	Daughter.
2598	2568	Turney, Karen E.	9-17-1943	F	1/2	Single.
2599	2569	Turney, Karen E.	8-16-1937	F	7/16	Daughter.
2600	2570	Turney, Louise	8-22-1944	F	3/2	Daughter.
2601	2571	Turney, Lynn F.	3-21-1943	F	7/16	Daughter.
2602	2572	Turney, Margaret (Smith)	1-10-1940	F	1/2	Single.
2603	2573	Turney, Mary (Wauposse)	3-15-1941	F	5/8	Married.
2604	2574	Turney, Mary (Wauposse)	7-24-1935	F	3/8	Married.
2605	2575	Turney, Sharon (Crappeau)	6-20-1938	F	1/4	Single.
2606	2576	Vann, Brenda J.	3-18-1940	F	1/4	Daughter.
2607	2577	Vasquez, Violeta (Wesoot)	3-20-1925	F	1/8	Married.
2608	2578	Vigne, Cecelia (Tebau)	8-14-1933	F	11/32	Married.
2609	2579	Vigne, Cecelia (Tebau)	7-9-1922	F	1/8	Married.
2610	2580	Vigne, Clarence	4-20-1923	M	1/8	Married.
2611	2581	Vigne, Edward G.	7-15-1932	M	1/4	Married.
2612	2582	Vigne, Emma (Hawpetoss)	7-6-1940	F	5/16	Son.
2613	2583	Vigne, Floyd	5-10-1910	M	1/8	Father.
2614	2584	Vigne, Irene	12-18-1929	F	5/16	Daughter.
2615	2585	Vigne, Lillian	7-3-1912	F	17/32	Married.
2616	2586	Vigne, Louis	10-22-1934	M	1/8	Widower.
2617	2587	Vigne, Louis	7-11-1907	M	1/8	Married.
2618	2588	Vigne, Paul	9-24-1914	M	1/4	Widower.
2619	2589	Vigne, Richard	3-15-1916	M	5/16	Single.
2620	2590	Vigne, Sylvia	4-15-1939	F	17/32	Married.
2621	2591	Voet, Audrey (Long)	4-14-1930	F	15/32	Married.
2622	2592	Volpe, Catherine (Waukechon)	4-6-1903	F	1/2	Mother.
2623	2593	Walker, Frances (Wesio)	2-16-1931	F		

FINAL ROLL—MENOMINEE TRIBE OF INDIANS OF WISCONSIN—Continued

Final roll No.	1955 roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Menominee blood	Family relationship and remarks
2578	2533	Tomow, Mary (Caldwell)	9-19-1910	F	7/8	Mother.
2579	2534	Tomow, Mary (Caldwell)	11-1-1873	F	11/16	Widow.
2580	2535	Tomow, Raymond	3-3-1945	M	7/8	Son.
2581	2536	Tomow, Sophia (Kenote)	7-5-1895	F	27/32	Married.
2582	2537	Tomow, Thomas (deceased)	6-19-1948	M	4/4	Deceased.
2583	2538	Tomow, Wilfred J.	8-25-1879	M	7/8	Son.
2584	2539	Tourillott, Albert G., Jr.	8-6-1913	M	1/8	Widower.
2585	2540	Tourillott, Alice (Frechette)	10-31-1926	F	31/64	Married.
2586	2541	Tourillott, Barbara P.	2-24-1954	F	13/32	Mother.
2587	2542	Tourillott, Charles A.	9-25-1935	M	11/32	Single.
2588	2543	Tourillott, Charles A.	1-25-1881	M	1/4	Married.
2589	2544	Tourillott, Charles W.	5-30-1865	M	11/32	Daughter.
2590	2545	Tourillott, Charles W.	10-15-1929	M	3/8	Mother.
2591	2546	Tourillott, Delores (Lowe)	1-11-1935	F	5/16	Single.
2592	2547	Tourillott, Donald	7-6-1875	M	39/128	Widow.
2593	2548	Tourillott, Elizabeth (Lookaround)	7-8-1948	F	11/32	Daughter.
2594	2549	Tourillott, Ellen M.	3-23-1949	F	11/32	Married.
2595	2550	Tourillott, George M.	10-25-1913	M	11/32	Single.
2596	2551	Tourillott, Howard E.	12-23-1933	M	5/16	Father.
2597	2552	Tourillott, Irving W.	11-20-1922	M	17/64	Son.
2598	2553	Tourillott, James O.	6-10-1948	M	6/16	Single.
2599	2554	Tourillott, Joy	1-1-1937	F	6/16	Single.
2600	2555	Tourillott, Kay (Richmond)	8-4-1934	F	9/32	Married.
2601	2556	Tourillott, Laura J.	12-12-1931	F	1/16	Single.
2602	2557	Tourillott, LeVern C., Jr.	2-9-1905	M	1/8	Father.
2603	2558	Tourillott, Lillian (Griseo)	6-11-1917	F	13/62	Single.
2604	2559	Tourillott, Lillian (Griseo)	9-1-1914	F	1/4	Married.
2605	2560	Tourillott, Lyle Robert	7-31-1923	M	13/62	Single.
2606	2561	Tourillott, Miles A.	6-1-1961	M	1/84	Son.
2607	2562	Tourillott, Miles A.	7-27-1903	M	39/128	Father.
2608	2563	Tourillott, Olof B.	12-4-1944	M	1/8	Daughter.
2609	2564	Tourillott, Ralph G.	2-3-1900	M	6/16	Married.
2610	2565	Tourillott, Raymond A.	12-4-1925	M	1/8	Father.
2611	2566	Tourillott, Raymond B.	1-6-1912	M	1/8	Single.
2612	2567	Tourillott, Rance M.	3-30-1913	M	13/62	Daughter.
2613	2568	Tourillott, Richard A.	10-27-1950	M	11/32	Son.
2614	2569	Tourillott, Roger A.	4-22-1933	M	5/16	Married.
2615	2570	Tourillott, Roland	7-28-1937	M	13/62	Single.
2616	2571	Tourillott, Rosa (Frechette)	11-9-1902	F	1/2	Mother.
2617	2572	Tourillott, Rose (Frechette)	11-6-1913	F	11/16	Single.
2618	2573	Tourillott, Rose (Frechette)	2-11-1910	F	15/32	Daughter.
2619	2574	Tourillott, Rosemary A.	8-23-1940	F	1/8	Married.
2620	2575	Tourillott, Russell A.	11-7-1949	M	6/16	Daughter.
2621	2576	Tourillott, Sylvia	8-20-1912	F	9/16	Mother.
2622	2577	Tourillott, Theresa (Irving)	3-6-1938	F	39/128	Son.
2623	2578	Tourillott, Thomas N.	11/32	M	11/32	Single.
2624	2579	Tourillott, Thomas N.	8-13-1915	M	1/16	Single.
2625	2580	Tourillott, William O.	5-20-1913	M	11/16	Widower.
2626	2581	Towasopon, Aloysius	2-25-1919	M	11/16	Single.
2627	2582	Towasopon, Joseph	6-2-1935	M	9/16	Mother.
2628	2583	Towasopon, Peter	3-12-1920	M	7/8	Married.
2629	2584	Tucker, Adeline (Wilber)	8-30-1914	F	3/4	Father.
2630	2585	Tucker, Agnes (Lowe)	3-2-1923	F	11/16	Single.
2631	2586	Tucker, Albert	10-26-1946	M	3/4	Daughter.
2632	2587	Tucker, Amos	11-2-1930	M	25/32	Single.
2633	2588	Tucker, Augusta (Dodge)	10-20-1940	F	17/32	Daughter.
2634	2589	Tucker, Barbara S.	7-24-1940	F	25/32	Single.
2635	2590	Tucker, Bernard	10-20-1946	M	3/4	Single.
2636	2591	Tucker, Cora J.	2-8-1935	F	47/64	Married.
2637	2592	Tucker, Cora J.	2-8-1935	F	5/8	Single.
2638	2593	Tucker, Charles (Warrington)	4-30-1938	M	19/32	Single.
2639	2594	Tucker, Clara Louise	1-7-1910	F	3/4	Father.
2640	2595	Tucker, Clarence	10-14-1951	M	25/32	Daughter.
2641	2596	Tucker, Deanna E.	3-30-1951	F	3/8	Single.
2642	2597	Tucker, Donna J.	8-10-1935	F	15/32	Single.
2643	2598	Tucker, Edgar A.	11-1-1932	M	3/8	Married.
2644	2599	Tucker, Edna (Boyd)	5-23-1909	F	17/32	Daughter.
2645	2600	Tucker, Edryl L.	8-20-1941	F		

## FINAL ROLL—MENOMINEE TRIBE OF INDIANS OF WISCONSIN—Continued

Final roll No.	1050 roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Menominee blood	Family relationship and remarks
2731	2710	Wallace, Doris (Mathknotas)	6-23-1924	F	7/8	Mother.
2732	2711	Wallace, James M.	6-6-1951	M	7/16	Son.
2733	2712	Wallace, William G.	10-4-1952	M	7/16	Son.
2734	2713	Wallace, Frances (Neconish)	6-31-1931	F	9/16	Mother.
2735	2714	Wallace, George A.	11-27-1933	M	9/32	Son.
2736	2715	Wallace, Georgiana M.	7-6-1919	F	9/32	Daughter.
2737	2716	Wallace, Patricia A.	4-13-1931	F	9/32	Daughter.
2738	2717	Warrington, Alfred	8-14-1883	M	3/4	Widow.
2739	2718	Warrington, Albert	6-2-1933	M	3/8	Single.
2740	2719	Warrington, Bessie	1-4-1916	F	7/8	Single.
2741	2720	Warrington, Benjamin, Sr.	1-2-1903	M	3/8	Father.
2742	2721	Warrington, Benjamin, Jr.	8-23-1903	M	3/8	Single.
2743	2722	Warrington, Bernard M., Jr.	1-3-1922	M	6/8	Married.
2744	2723	Warrington, Burton K., Jr.	7-7-1927	M	3/8	Son.
2745	2724	Warrington, Burton K., Jr.	6-17-1910	M	6/16	Son.
2746	2725	Warrington, Charles (McLain)	1-25-1932	M	4/16	Single.
2747	2726	Warrington, Charlotte (McLain)	7-12-1912	F	6/16	Mother.
2748	2727	Warrington, Clyde S.	6-9-1911	M	9/16	Single.
2749	2728	Warrington, Cornelius	11-21-1932	M	4/16	Son.
2750	2729	Warrington, Dawn E.	9-7-1914	F	4/16	Daughter.
2751	2730	Warrington, Donald	11-21-1933	M	4/16	Son.
2752	2731	Warrington, Dorothy (Neconish)	2-22-1911	F	6/8	Daughter.
2753	2732	Warrington, Edwin	7-3-1923	M	3/8	Single.
2754	2733	Warrington, Elmer L. (Neconish)	6-24-1932	M	3/8	Single.
2755	2734	Warrington, Elmer L. (Neconish)	11-7-1932	M	3/8	Single.
2756	2735	Warrington, Elmer L. (Neconish)	10-27-1917	M	3/8	Son.
2757	2736	Warrington, Elmer L. (Neconish)	6-7-1917	M	3/8	Son.
2758	2737	Warrington, Elmer L. (Neconish)	4-10-1931	M	4/16	Single.
2759	2738	Warrington, James, Sr.	6-1-1893	M	6/8	Father.
2760	2739	Warrington, James, Jr.	1-12-1923	M	6/8	Son.
2761	2740	Warrington, Janet	2-7-1910	F	6/16	Single.
2762	2741	Warrington, Janet (Viggo)	6-1-1923	F	3/8	Single.
2763	2742	Warrington, Joseph	11-12-1931	M	3/8	Single.
2764	2743	Warrington, Joseph A.	8-23-1931	M	1/4	Married.
2765	2744	Warrington, Joseph A.	8-23-1931	M	7/8	Married.
2766	2745	Warrington, Kenneth	7-8-1920	M	3/8	Married.
2767	2746	Warrington, Kidd W.	11-22-1925	M	3/8	Married.
2768	2747	Warrington, Le Roy	9-22-1932	M	6/16	Daughter.
2769	2748	Warrington, Le Roy	12-15-1897	M	6/8	Father.
2770	2749	Warrington, Lorraine	3-7-1920	F	7/8	Daughter.
2771	2750	Warrington, Lorraine	12-11-1904	F	1/4	Daughter.
2772	2751	Warrington, Mary (Waupee)	1-23-1904	F	27/32	Mother.
2773	2752	Warrington, Mathilda (Neconish)	4-7-1930	F	1/2	Married.
2774	2753	Warrington, Merle	6-2-1932	M	7/8	Mother.
2775	2754	Warrington, Merle	8-4-1926	M	7/8	Father.
2776	2755	Warrington, Norman J.	11-29-1920	M	4/16	Single.
2777	2756	Warrington, Robert R.	2-7-1931	M	3/16	Single.
2778	2757	Warrington, Robert R.	8-8-1933	M	4/16	Single.
2779	2758	Warrington, Rose M.	10-31-1933	F	3/8	Single.
2780	2759	Warrington, Rosamund	6-23-1930	F	3/8	Single.
2781	2760	Warrington, Royal E.	3-10-1935	M	3/8	Single.
2782	2761	Warrington, Royal E.	3-8-1933	M	6/16	Son.
2783	2762	Warrington, Sarah (Boyd)	1-8-1933	F	3/8	Single.
2784	2763	Warrington, Theodore A.	6-28-1933	M	5/8	Married.
2785	2764	Warrington, Theodore A.	7-10-1917	M	4/16	Daughter.
2786	2765	Warrington, Victor G.	10-15-1917	M	6/8	Single.
2787	2766	Warrington, Wilda (Boyd)	6-27-1930	F	10/32	Married.
2788	2767	Warrington, William	3-2-1910	M	1/2	Single.
2789	2768	Warrington, Katherine	2-16-1910	F	1/2	Single.
2790	2769	Warrington, Leo (LaRook)	6-1-1885	M	1/2	Married.
2791	2770	Warrington, Leo (LaRook)	12-9-1914	M	7/8	Married.
2792	2771	Warrington, William	3-25-1934	M	7/16	Son.
2793	2772	Warrington, William	2-16-1931	M	46/64	Son.
2794	2773	Warrington, William	2-10-1931	M	11/16	Mother.
2795	2774	Warrington, William	8-23-1916	M	3/4	Mother.
2796	2775	Warrington, Edmund J.	1-27-1933	M	6/8	Married.
2797	2776	Warrington, Frances A.	4-17-1933	F	46/64	Son.
2798	2777	Warrington, Gerald A.	1-30-1933	M	46/64	Son.
2799	2778	Warrington, Janet	3-4-1930	F	46/64	Single.
2800	2779	Warrington, Janet	12-1-1913	F	1/2	Father.
2801	2780	Warrington, John J.	8-24-1918	M	6/8	Son.
2802	2781	Warrington, John J.	0-2-1930	M	6/8	Single.

## FINAL ROLL—MENOMINEE TRIBE OF INDIANS OF WISCONSIN—Continued

F'inal roll No.	1056 roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Menominee blood	Family relationship and remarks
2812	2701	Waubansecum, Mary O.	7-10-1912	F	2/32	Daughter.
2813	2701	Waubansecum, Mary Ann (Waupee)	6-9-1918	F	2/32	Mother.
2814	2802	Waubansecum, Norma J.	1-28-1891	M	4/4	Married.
2815	2803	Waubansecum, Percy	6-10-1923	M	6/16	Single. Dedged.
2816	2804	Waubansecum, Phyllis	0-20-1921	F	1/2	Single.
2817	2805	Waubansecum, Rensla M.	10-18-1910	F	46/64	Daughter.
2818	2806	Waubansecum, William R.	0-11-1917	M	1/2	Father.
2819	2807	Waubansecum, William R.	10-10-1914	M	46/64	Son.
2820	2808	Waubano, Dorothy	8-31-1939	F	13/32	Single.
2821	2809	Waubano, Glen E.	8-3-1919	M	13/32	Single.
2822	2810	Waubano, Paul J.	7-23-1918	M	13/16	Son, n/k/a Joe Soman.
2823	2811	Waubano, Lelroy J.	8-18-1913	M	13/32	Son, n/k/a Lelroy Soman.
2824	2812	Waubano, Lorraine M.	2-7-1910	F	13/32	Daughter, n/k/a Lorraine Soman.
2825	2813	Waubano, Sharon	7-8-1919	F	13/32	Daughter, n/k/a Sharon Soman.
2826	2814	Waukau, Bernard O.	7-20-1933	M	21/64	Son.
2827	2815	Waukau, Daryl	11-3-1932	M	1/2	Son.
2828	2816	Waukau, Delores (Keshena)	6-16-1910	F	3/8	Married.
2829	2817	Waukau, Della (Cox)	8-5-1937	F	11/32	Married.
2830	2818	Waukau, Dora	1-1-1934	F	27/64	Single.
2831	2819	Waukau, Durand	12-27-1927	M	7/32	Mother.
2832	2820	Waukau, Edith (Keshena)	6-2-1931	F	3/8	Son.
2833	2821	Waukau, Harry M.	12-21-1949	M	3/8	Married.
2834	2822	Waukau, Harry M. (Mphob)	0-25-1947	M	21/64	Son.
2835	2823	Waukau, Henry J.	10-13-1922	M	7/16	Married.
2836	2824	Waukau, Henry J.	3-11-1931	M	21/64	Son.
2837	2825	Waukau, Jeffery J.	7-24-1933	M	9/32	Mother.
2838	2826	Waukau, Joe A.	7-21-1903	M	4/4	Father.
2839	2827	Waukau, John	4-18-1938	M	3/4	Married.
2840	2828	Waukau, Joseph L.	8-4-1913	M	11/16	Daughter.
2841	2829	Waukau, Joseph L.	2-1-1920	M	1/2	Daughter.
2842	2830	Waukau, Joseph L.	7-22-1920	M	13/32	Daughter.
2843	2831	Waukau, Joseph L.	8-26-1918	M	11/16	Son.
2844	2832	Waukau, Joseph L.	7-9-1932	M	1/2	Son.
2845	2833	Waukau, Lawrence	12-23-1917	M	13/32	Daughter.
2846	2834	Waukau, Leo Susanne	12-27-1914	F	21/64	Daughter.
2847	2835	Waukau, Lenore Ann	8-12-1937	F	3/4	Single.
2848	2836	Waukau, Lelroy	1-13-1931	M	13/32	Daughter.
2849	2837	Waukau, Leslie	2-27-1913	M	13/32	Father.
2850	2838	Waukau, Lloyd B., Jr.	2-2-1914	M	13/32	Son.
2851	2839	Waukau, Marvin (Weinmond)	8-20-1923	M	7/16	Daughter.
2852	2840	Waukau, Marvin	8-23-1933	M	3/4	Single.
2853	2841	Waukau, Marvin	4-12-1931	M	7/16	Mother.
2854	2842	Waukau, Mitchell P.	8-14-1894	M	3/4	Single.
2855	2843	Waukau, Orman	3-10-1932	M	3/4	Single.
2856	2844	Waukau, Orman D.	9-8-1929	M	21/64	Father.
2857	2845	Waukau, Robert J.	0-23-1931	M	7/16	Son.
2858	2846	Waukau, Robert J.	11-6-1915	M	1/2	Son.
2859	2847	Waukau, Roger L.	12-14-1939	M	11/16	Single.
2860	2848	Waukau, Rosella	9-14-1935	F	7/16	Daughter.
2861	2849	Waukau, Ruby A.	0-6-1942	F	1/2	Daughter.
2862	2850	Waukau, Stephanie	1-4-1936	F	11/16	Single.
2863	2851	Waukau, Wayne	12-2-1918	M	21/64	Daughter.
2864	2852	Waukau, William	0-18-1940	M	7/16	Son.
2865	2853	Waukau, William, Jr.	0-4-1908	M	4/4	Father.
2866	2854	Waukeelon, Alfred A.	0-30-1914	M	1/2	Son.
2867	2855	Waukeelon, Alice A.	1-8-1931	F	11/16	Single.
2868	2856	Waukeelon, Annie (Gauthier)	0-8-1932	F	21/64	Daughter.
2869	2857	Waukeelon, Catherine	1-8-1889	F	8/8	Widow.
2870	2858	Waukeelon, Catherine (Gauthier)	8-10-1924	F	11/16	Single.
2871	2859	Waukeelon, Darnie (Lelroy)	0-20-1910	F	9/16	Mother.
2872	2860	Waukeelon, Dora (Gauthier)	0-24-1916	F	21/64	Married.
2873	2861	Waukeelon, Edith (Greig)	10-15-1920	F	3/16	Mother.
2874	2862	Waukeelon, Frances A.	10-6-1905	F	9/16	Married.
2875	2863	Waukeelon, James L.	6-13-1916	M	11/16	Single.
2876	2864	Waukeelon, Jean M.	8-29-1900	F	3/8	Married.
2877	2865	Waukeelon, Joan	12-18-1937	F	11/32	Single.
2878	2866	Waukeelon, Joseph	7-6-1944	M	21/64	Daughter.
2879	2867	Waukeelon, Joan J.	4-11-1940	F	21/64	Daughter.
2880	2868	Waukeelon, John V.	10-10-1921	M	11/16	Single.
2881	2869	Waukeelon, Joseph	6-17-1928	M	15/32	Married.



FINAL ROLL—MENOMINEE TRIBE OF INDIANS OF WISCONSIN—Continued

Final roll No.	1955 No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Menominee blood	Family relationship and remarks
2883	2883	Waukechon, Joseph G. Sr.	8-6-1912	M	3/8	Father.
2884	2884	Waukechon, Joseph G. Jr.	10-4-1914	M	11/32	Son.
2885	2885	Waukechon, Kathleen E.	3-30-1917	F	3/4	Daughter.
2886	2886	Waukechon, Louis	6-18-1933	M	3/16	Widower.
2887	2887	Waukechon, Lucille (Chevalier)	9-3-1914	F	3/16	Daughter.
2888	2888	Waukechon, Margaret R.	7-2-1913	F	11/32	Single.
2889	2889	Waukechon, Margaret R.	10-2-1913	F	11/32	Single.
2890	2890	Waukechon, Marvin	1-17-1913	M	11/16	Single.
2891	2891	Waukechon, Mary (Washoquonatt)	1885	F	3/4	Widow.
2892	2892	Waukechon, Mary (Washoquonatt)	2-6-1942	F	11/32	Daughter.
2893	2893	Waukechon, Mary (Washoquonatt)	8-17-1940	F	11/32	Daughter.
2894	2894	Waukechon, Peter J.	8-5-1914	M	15/32	Father.
2895	2895	Waukechon, Peter J. Jr.	4-9-1943	M	21/64	Son.
2896	2896	Waukechon, Rita C.	9-28-1947	F	21/64	Daughter.
2897	2897	Waukechon, Shirley J.	6-30-1933	F	3/16	Single.
2898	2898	Waukechon, Shirley J.	3-30-1932	F	5/8	Married.
2899	2899	Waukechon, Shirley J.	1898	F	1/2	Married.
2900	2900	Waukechon, Shirley J.	6-23-1950	F	29/32	Daughter.
2901	2901	Waukechon, Shirley J.	10-31-1926	F	7/8	Mother.
2902	2902	Waukechon, Shirley J.	1-27-1954	F	29/32	Son.
2903	2903	Waukechon, Shirley J.	5-30-1948	M	29/32	Son.
2904	2904	Waukechon, Shirley J.	8-6-1922	F	15/16	Father.
2905	2905	Waukechon, Shirley J.	3-17-1952	F	29/32	Daughter.
2906	2906	Waukechon, Shirley J.	2-2-1946	F	13/16	Daughter.
2907	2907	Waukechon, Shirley J.	7-8-1942	F	1/2	Son.
2908	2908	Waukechon, Shirley J.	1-21-1910	M	7/8	Father.
2909	2909	Waukechon, Shirley J.	6-4-1933	F	1/2	Single.
2910	2910	Waukechon, Shirley J.	11-12-1946	F	1/2	Daughter.
2911	2911	Waukechon, Shirley J.	4-10-1910	F	1/8	Daughter.
2912	2912	Waukechon, Shirley J.	6-4-1937	F	1/2	Single.
2913	2913	Waukechon, Shirley J.	10-2-1933	M	43/64	Single.
2914	2914	Waukechon, Shirley J.	3-2-1933	M	13/16	Single.
2915	2915	Waukechon, Shirley J.	12-2-1932	M	27/32	Single.
2916	2916	Waukechon, Shirley J.	8-26-1930	M	27/32	Single.
2917	2917	Waukechon, Shirley J.	1-8-1901	F	7/16	Daughter.
2918	2918	Waukechon, Shirley J.	2-22-1947	F	27/32	Daughter.
2919	2919	Waukechon, Shirley J.	1-3-1935	F	29/32	Single.
2920	2920	Waukechon, Shirley J.	3-10-1948	F	29/32	Single.
2921	2921	Waukechon, Shirley J.	7-5-1916	M	23/32	Mother.
2922	2922	Waukechon, Shirley J.	10-12-1910	F	9/16	Daughter.
2923	2923	Waukechon, Shirley J.	7-21-1932	F	9/32	Mother.
2924	2924	Waukechon, Shirley J.	3-10-1932	F	29/32	Single.
2925	2925	Waukechon, Shirley J.	2-23-1954	F	53/64	Daughter.
2926	2926	Waukechon, Shirley J.	3-7-1926	F	3/4	Married.
2927	2927	Waukechon, Shirley J.	3-6-1928	F	17/32	Mother.
2928	2928	Waukechon, Shirley J.	10-24-1941	F	27/32	Daughter.
2929	2929	Waukechon, Shirley J.	5-3-1914	F	27/32	Single.
2930	2930	Waukechon, Shirley J.	2-24-1931	F	25/32	Single.
2931	2931	Waukechon, Shirley J.	9-4-1944	F	27/32	Daughter.
2932	2932	Waukechon, Shirley J.	2-18-1938	F	27/32	Single.
2933	2933	Waukechon, Shirley J.	3-13-1913	M	27/32	Father.
2934	2934	Waukechon, Shirley J.	8-18-1939	M	27/32	Single.
2935	2935	Waukechon, Shirley J.	11-11-1921	M	27/32	Single.
2936	2936	Waukechon, Shirley J.	7-22-1928	M	43/64	Married.
2937	2937	Waukechon, Shirley J.	10-15-1948	F	25/32	Single.
2938	2938	Waukechon, Shirley J.	6-24-1939	F	27/32	Single.
2939	2939	Waukechon, Shirley J.	2-19-1914	F	27/32	Son.
2940	2940	Waukechon, Shirley J.	6-17-1933	F	13/16	Daughter.
2941	2941	Waukechon, Shirley J.	8-16-1933	F	27/32	Daughter.
2942	2942	Waukechon, Shirley J.	6-25-1900	F	29/32	Father.
2943	2943	Waukechon, Shirley J.	9-1-1902	F	29/32	Married.
2944	2944	Waukechon, Shirley J.	7-2-1907	F	4/4	Single.
2945	2945	Waukechon, Shirley J.	7-2-1907	F	15/16	Single.
2946	2946	Waukechon, Shirley J.	7-23-1909	F	27/32	Married.
2947	2947	Waukechon, Shirley J.	2-10-1949	F	27/32	Daughter.
2948	2948	Waukechon, Shirley J.	1-19-1933	F	27/32	Single.
2949	2949	Waukechon, Shirley J.	3-13-1947	F	29/32	Daughter.
2950	2950	Waukechon, Shirley J.	11-13-1933	F	27/32	Single.
2951	2951	Waukechon, Shirley J.	4-20-1934	F	25/32	Single.
2952	2952	Waukechon, Shirley J.	11-17-1934	F	4/4	Widow.
2953	2953	Waukechon, Shirley J.	1-19-1907	F	4/4	Married.
2954	2954	Waukechon, Shirley J.	3-9-1945	F	27/32	Son.

FINAL ROLL—MENOMINEE TRIBE OF INDIANS OF WISCONSIN—Continued

Final roll No.	1955 No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Menominee blood	Family relationship and remarks
2955	2955	Waukechon, Shirley J.	1-3-1923	F	27/32	Single.
2956	2956	Waukechon, Shirley J.	3-25-1943	F	13/16	Son, mother No. 163.
2957	2957	Waukechon, Shirley J.	5-12-1932	F	9/16	Daughter.
2958	2958	Waukechon, Shirley J.	9-23-1916	F	27/32	Mother.
2959	2959	Waukechon, Shirley J.	7-8-1935	F	27/32	Married.
2960	2960	Waukechon, Shirley J.	7-18-1937	F	27/32	Single.
2961	2961	Waukechon, Shirley J.	8-9-1933	F	27/32	Daughter.
2962	2962	Waukechon, Shirley J.	9-9-1933	F	27/32	Married.
2963	2963	Waukechon, Shirley J.	7-31-1945	M	107/128	Son.
2964	2964	Waukechon, Shirley J.	3-17-1940	F	43/64	Son.
2965	2965	Waukechon, Shirley J.	9-2-1937	F	27/32	Daughter.
2966	2966	Waukechon, Shirley J.	4-14-1933	F	27/32	Single.
2967	2967	Waukechon, Shirley J.	1-9-1917	F	27/32	Daughter.
2968	2968	Waukechon, Shirley J.	6-10-1931	M	11/16	Married.
2969	2969	Waukechon, Shirley J.	12-28-1927	M	25/32	Married.
2970	2970	Waukechon, Shirley J.	1-23-1947	F	9/16	Son.
2971	2971	Waukechon, Shirley J.	8-20-1942	F	27/32	Daughter.
2972	2972	Waukechon, Shirley J.	12-1-1908	F	7/8	Mother.
2973	2973	Waukechon, Shirley J.	7-12-1936	F	53/64	Single.
2974	2974	Waukechon, Shirley J.	2-25-1931	F	21/32	Daughter.
2975	2975	Waukechon, Shirley J.	8-10-1923	F	27/32	Single.
2976	2976	Waukechon, Shirley J.	9-15-1933	F	27/32	Mother.
2977	2977	Waukechon, Shirley J.	9-12-1896	M	13/16	Father.
2978	2978	Waukechon, Shirley J.	12-9-1890	M	13/16	Deceased.
2979	2979	Waukechon, Shirley J.	11-23-1940	M	27/32	Son.
2980	2980	Waukechon, Shirley J.	5-4-1954	F	27/32	Daughter.
2981	2981	Waukechon, Shirley J.	10-24-1954	M	27/32	Son.
2982	2982	Waukechon, Shirley J.	9-6-1947	F	9/16	Daughter.
2983	2983	Waukechon, Shirley J.	10-8-1912	M	1/2	Father, a/k/a Mose Wausau.
2984	2984	Waukechon, Shirley J.	1-21-1924	F	3/4	Married.
2985	2985	Waukechon, Shirley J.	2-28-1931	F	3/8	Mother.
2986	2986	Waukechon, Shirley J.	6-1-1943	F	53/64	Daughter.
2987	2987	Waukechon, Shirley J.	6-23-1943	F	53/64	Daughter.
2988	2988	Waukechon, Shirley J.	7-2-1943	F	53/64	Daughter.
2989	2989	Waukechon, Shirley J.	6-5-1933	F	7/8	Single.
2990	2990	Waukechon, Shirley J.	12-31-1933	F	53/64	Daughter.
2991	2991	Waukechon, Shirley J.	12-10-1930	F	53/64	Single.
2992	2992	Waukechon, Shirley J.	9-10-1938	F	7/8	Mother.
2993	2993	Waukechon, Shirley J.	6-28-1910	F	3/4	Father.
2994	2994	Waukechon, Shirley J.	6-17-1911	M	3/4	Married.
2995	2995	Waukechon, Shirley J.	3-10-1914	M	4/4	Father.
2996	2996	Waukechon, Shirley J.	2-15-1933	M	9/16	Son, mother No. 37.
2997	2997	Waukechon, Shirley J.	12-25-1945	M	7/8	Son.
2998	2998	Waukechon, Shirley J.	10-8-1931	M	53/64	Son.
2999	2999	Waukechon, Shirley J.	12-23-1941	F	27/32	Daughter.
3000	3000	Waukechon, Shirley J.	2-21-1923	F	27/32	Married.
3001	3001	Waukechon, Shirley J.	2-7-1939	F	19/32	Married.
3002	3002	Waukechon, Shirley J.	4-12-1944	F	53/64	Daughter.
3003	3003	Waukechon, Shirley J.	8-19-1937	F	53/64	Single.
3004	3004	Waukechon, Shirley J.	3-12-1940	F	53/64	Daughter.
3005	3005	Waukechon, Shirley J.	11-6-1932	F	53/64	Son.
3006	3006	Waukechon, Shirley J.	10-13-1933	F	9/16	Daughter.
3007	3007	Waukechon, Shirley J.	1-22-1916	F	3/4	Married.
3008	3008	Waukechon, Shirley J.	10-7-1932	F	7/8	Daughter.
3009	3009	Waukechon, Shirley J.	7-10-1950	F	1/4	Son.
3010	3010	Waukechon, Shirley J.	8-14-1914	F	1/2	Mother.
3011	3011	Waukechon, Shirley J.	8-20-1933	F	1/4	Single.
3012	3012	Waukechon, Shirley J.	10-2-1939	F	1/4	Single.
3013	3013	Waukechon, Shirley J.	6-23-1933	F	1/4	Single.
3014	3014	Waukechon, Shirley J.	8-10-1943	F	1/4	Single.
3015	3015	Waukechon, Shirley J.	8-10-1943	F	1/4	Single.
3016	3016	Waukechon, Shirley J.	8-10-1943	F	1/4	Single.
3017	3017	Waukechon, Shirley J.	8-10-1943	F	1/4	Single.
3018	3018	Waukechon, Shirley J.	8-10-1943	F	1/4	Single.
3019	3019	Waukechon, Shirley J.	8-10-1943	F	1/4	Single.
3020	3020	Waukechon, Shirley J.	8-10-1943	F	1/4	Single.
3021	3021	Waukechon, Shirley J.	8-10-1943	F	1/4	Single.
3022	3022	Waukechon, Shirley J.	8-10-1943	F	1/4	Single.
3023	3023	Waukechon, Shirley J.	8-10-1943	F	1/4	Single.
3024	3024	Waukechon, Shirley J.	8-10-1943	F	1/4	Single.
3025	3025	Waukechon, Shirley J.	8-10-1943	F	1/4	Single.
3026	3026	Waukechon, Shirley J.	8-10-1943	F	1/4	Single.
3027	3027	Waukechon, Shirley J.	8-10-1943	F	1/4	Single.
3028	3028	Waukechon, Shirley J.	8-10-1943	F	1/4	Single.
3029	3029	Waukechon, Shirley J.	8-10-1943	F	1/4	Single.
3030	3030	Waukechon, Shirley J.	8-10-1943	F	1/4	Single.
3031	3031	Waukechon, Shirley J.	8-10-1943	F	1/4	Single.
3032	3032	Waukechon, Shirley J.	8-10-1943	F	1/4	Single.
3033	3033	Waukechon, Shirley J.	8-10-1943	F	1/4	Single.
3034	3034	Waukechon, Shirley J.	8-10-1943	F	1/4	Single.
3035	3035	Waukechon, Shirley J.	8-10-1943	F	1/4	Single.
3036	3036	Waukechon, Shirley J.	8-10-1943	F	1/4	Single.
3037	3037	Waukechon, Shirley J.	8-10-1943	F	1/4	Single.
3038	3038	Waukechon, Shirley J.	8-10-1943	F	1/4	Single.
3039	3039	Waukechon, Shirley J.	8-10-1943	F	1/4	Single.
3040	3040	Waukechon, Shirley J.	8-10-1943	F	1/4	Single.



FINAL ROLL—MEMORIAL TRIBE OF INDIANS OF WISCONSIN—Continued

Final roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Membership blood	Family relationship and remarks
3012	Webster, Stanley Emil	7-2-1914	M	1/4	Son.
3013	Webster, Stanley S.	12-21-1933	M	3/4	Son.
3014	Webster, Stephen	9-9-1932	M	3/4	Son.
3015	Wesott, Allen J.	12-21-1930	M	3/8	Married.
3016	Wesott, Bernadine (LaRock)	4-27-1933	F	4/16	Daughter.
3017	Wesott, Charles	7-27-1931	F	6/8	
3018	Wesott, Daniel	8-9-1900	M	6/8	
3019	Wesott, Doreen	2-10-1913	F	25/64	
3020	Wesott, Doreen	2-10-1913	F	25/64	
3021	Wesott, Doreen	2-10-1913	F	25/64	
3022	Wesott, Doreen	2-10-1913	F	25/64	
3023	Wesott, Doreen	2-10-1913	F	25/64	
3024	Wesott, Doreen	2-10-1913	F	25/64	
3025	Wesott, Doreen	2-10-1913	F	25/64	
3026	Wesott, Doreen	2-10-1913	F	25/64	
3027	Wesott, Doreen	2-10-1913	F	25/64	
3028	Wesott, Doreen	2-10-1913	F	25/64	
3029	Wesott, Doreen	2-10-1913	F	25/64	
3030	Wesott, Doreen	2-10-1913	F	25/64	
3031	Wesott, Doreen	2-10-1913	F	25/64	
3032	Wesott, Doreen	2-10-1913	F	25/64	
3033	Wesott, Doreen	2-10-1913	F	25/64	
3034	Wesott, Doreen	2-10-1913	F	25/64	
3035	Wesott, Doreen	2-10-1913	F	25/64	
3036	Wesott, Doreen	2-10-1913	F	25/64	
3037	Wesott, Doreen	2-10-1913	F	25/64	
3038	Wesott, Doreen	2-10-1913	F	25/64	
3039	Wesott, Doreen	2-10-1913	F	25/64	
3040	Wesott, Doreen	2-10-1913	F	25/64	
3041	Wesott, Doreen	2-10-1913	F	25/64	
3042	Wesott, Doreen	2-10-1913	F	25/64	
3043	Wesott, Doreen	2-10-1913	F	25/64	
3044	Wesott, Doreen	2-10-1913	F	25/64	
3045	Wesott, Doreen	2-10-1913	F	25/64	
3046	Wesott, Doreen	2-10-1913	F	25/64	
3047	Wesott, Doreen	2-10-1913	F	25/64	
3048	Wesott, Doreen	2-10-1913	F	25/64	
3049	Wesott, Doreen	2-10-1913	F	25/64	
3050	Wesott, Doreen	2-10-1913	F	25/64	
3051	Wesott, Doreen	2-10-1913	F	25/64	
3052	Wesott, Doreen	2-10-1913	F	25/64	
3053	Wesott, Doreen	2-10-1913	F	25/64	
3054	Wesott, Doreen	2-10-1913	F	25/64	
3055	Wesott, Doreen	2-10-1913	F	25/64	
3056	Wesott, Doreen	2-10-1913	F	25/64	
3057	Wesott, Doreen	2-10-1913	F	25/64	
3058	Wesott, Doreen	2-10-1913	F	25/64	
3059	Wesott, Doreen	2-10-1913	F	25/64	
3060	Wesott, Doreen	2-10-1913	F	25/64	
3061	Wesott, Doreen	2-10-1913	F	25/64	
3062	Wesott, Doreen	2-10-1913	F	25/64	
3063	Wesott, Doreen	2-10-1913	F	25/64	
3064	Wesott, Doreen	2-10-1913	F	25/64	
3065	Wesott, Doreen	2-10-1913	F	25/64	
3066	Wesott, Doreen	2-10-1913	F	25/64	
3067	Wesott, Doreen	2-10-1913	F	25/64	
3068	Wesott, Doreen	2-10-1913	F	25/64	
3069	Wesott, Doreen	2-10-1913	F	25/64	
3070	Wesott, Doreen	2-10-1913	F	25/64	
3071	Wesott, Doreen	2-10-1913	F	25/64	
3072	Wesott, Doreen	2-10-1913	F	25/64	
3073	Wesott, Doreen	2-10-1913	F	25/64	
3074	Wesott, Doreen	2-10-1913	F	25/64	
3075	Wesott, Doreen	2-10-1913	F	25/64	
3076	Wesott, Doreen	2-10-1913	F	25/64	
3077	Wesott, Doreen	2-10-1913	F	25/64	
3078	Wesott, Doreen	2-10-1913	F	25/64	
3079	Wesott, Doreen	2-10-1913	F	25/64	
3080	Wesott, Doreen	2-10-1913	F	25/64	
3081	Wesott, Doreen	2-10-1913	F	25/64	
3082	Wesott, Doreen	2-10-1913	F	25/64	
3083	Wesott, Doreen	2-10-1913	F	25/64	
3084	Wesott, Doreen	2-10-1913	F	25/64	
3085	Wesott, Doreen	2-10-1913	F	25/64	
3086	Wesott, Doreen	2-10-1913	F	25/64	
3087	Wesott, Doreen	2-10-1913	F	25/64	
3088	Wesott, Doreen	2-10-1913	F	25/64	
3089	Wesott, Doreen	2-10-1913	F	25/64	
3090	Wesott, Doreen	2-10-1913	F	25/64	
3091	Wesott, Doreen	2-10-1913	F	25/64	
3092	Wesott, Doreen	2-10-1913	F	25/64	
3093	Wesott, Doreen	2-10-1913	F	25/64	
3094	Wesott, Doreen	2-10-1913	F	25/64	
3095	Wesott, Doreen	2-10-1913	F	25/64	
3096	Wesott, Doreen	2-10-1913	F	25/64	
3097	Wesott, Doreen	2-10-1913	F	25/64	
3098	Wesott, Doreen	2-10-1913	F	25/64	
3099	Wesott, Doreen	2-10-1913	F	25/64	
3100	Wesott, Doreen	2-10-1913	F	25/64	
3101	Wesott, Doreen	2-10-1913	F	25/64	
3102	Wesott, Doreen	2-10-1913	F	25/64	
3103	Wesott, Doreen	2-10-1913	F	25/64	
3104	Wesott, Doreen	2-10-1913	F	25/64	
3105	Wesott, Doreen	2-10-1913	F	25/64	
3106	Wesott, Doreen	2-10-1913	F	25/64	
3107	Wesott, Doreen	2-10-1913	F	25/64	
3108	Wesott, Doreen	2-10-1913	F	25/64	
3109	Wesott, Doreen	2-10-1913	F	25/64	
3110	Wesott, Doreen	2-10-1913	F	25/64	
3111	Wesott, Doreen	2-10-1913	F	25/64	
3112	Wesott, Doreen	2-10-1913	F	25/64	
3113	Wesott, Doreen	2-10-1913	F	25/64	
3114	Wesott, Doreen	2-10-1913	F	25/64	
3115	Wesott, Doreen	2-10-1913	F	25/64	
3116	Wesott, Doreen	2-10-1913	F	25/64	
3117	Wesott, Doreen	2-10-1913	F	25/64	
3118	Wesott, Doreen	2-10-1913	F	25/64	
3119	Wesott, Doreen	2-10-1913	F	25/64	
3120	Wesott, Doreen	2-10-1913	F	25/64	

FINAL ROLL—MEMORIAL TRIBE OF INDIANS OF WISCONSIN—Continued

Final roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Membership blood	Family relationship and remarks
3121	Whitney, John F.	3-27-1911	M	7/8	Son.
3122	Whitney, Joseph S.	9-30-1917	M	7/8	Son.
3123	Whitney, Katherine (Feather)	7-30-1910	F	7/8	Daughter.
3124	Whitney, Thomas, Sr.	12-31-1912	M	7/8	Son.
3125	Whitney, Thomas E., Jr.	1-6-1911	M	9/16	Son.
3126	Whitney, Thomas E., Jr.	10-21-1932	M	9/32	Son.
3127	Whitney, Thomas E., Jr.	3-10-1915	M	19/32	Son.
3128	Whitney, Thomas E., Jr.	1-27-1914	M	19/32	Son.
3129	Whitney, Thomas E., Jr.	7-4-1931	M	19/32	Son.
3130	Whitney, Thomas E., Jr.	12-10-1930	M	19/32	Son.
3131	Whitney, Thomas E., Jr.	12-20-1930	M	19/32	Son.
3132	Whitney, Thomas E., Jr.	6-22-1932	M	19/32	Son.
3133	Whitney, Thomas E., Jr.	12-10-1918	M	19/32	Son.
3134	Whitney, Thomas E., Jr.	2-3-1930	M	19/32	Son.
3135	Whitney, Thomas E., Jr.	10-8-1930	M	19/32	Son.
3136	Whitney, Thomas E., Jr.	12-12-1935	M	19/32	Son.
3137	Whitney, Thomas E., Jr.	7-10-1911	M	19/32	Son.
3138	Whitney, Thomas E., Jr.	12-27-1931	M	19/32	Son.
3139	Whitney, Thomas E., Jr.	4-5-1940	M	19/32	Son.
3140	Whitney, Thomas E., Jr.	12-10-1920	M	19/32	Son.
3141	Whitney, Thomas E., Jr.	5-21-1903	M	19/32	Son.
3142	Whitney, Thomas E., Jr.	2-3-1911	M	19/32	Son.
3143	Whitney, Thomas E., Jr.	1-13-1918	M	19/32	Son.
3144	Whitney, Thomas E., Jr.	12-20-1913	M	19/32	Son.
3145	Whitney, Thomas E., Jr.	1-17-1913	M	19/32	Son.
3146	Whitney, Thomas E., Jr.	0-1-1918	M	19/32	Son.
3147	Whitney, Thomas E., Jr.	6-7-1933	M	19/32	Son.
3148	Whitney, Thomas E., Jr.	11-28-1935	M	19/32	Son.
3149	Whitney, Thomas E., Jr.	1-2-1911	M	19/32	Son.
3150	Whitney, Thomas E., Jr.	7-10-1910	M	19/32	Son.
3151	Whitney, Thomas E., Jr.	8-14-1930	M	19/32	Son.
3152	Whitney, Thomas E., Jr.	8-3-1937	M	19/32	Son.
3153	Whitney, Thomas E., Jr.	4-23-1914	M	19/32	Son.
3154	Whitney, Thomas E., Jr.	8-10-1930	M	19/32	Son.
3155	Whitney, Thomas E., Jr.	1-6-1937	M	19/32	Son.
3156	Whitney, Thomas E., Jr.	8-18-1944	M	19/32	Son.
3157	Whitney, Thomas E., Jr.	4-27-1932	M	19/32	Son.
3158	Whitney, Thomas E., Jr.	6-12-1913	M	19/32	Son.
3159	Whitney, Thomas E., Jr.	6-12-1920	M	19/32	Son.
3160	Whitney, Thomas E., Jr.	4-7-1914	M	19/32	Son.
3161	Whitney, Thomas E., Jr.	0-1-1937	M	19/32	Son.
3162	Whitney, Thomas E., Jr.	11-1-1931	M	19/32	Son.
3163	Whitney, Thomas E., Jr.	8-23-1934	M	19/32	Son.
3164	Whitney, Thomas E., Jr.	11-10-1925	M	19/32	Son.
3165	Whitney, Thomas E., Jr.	1-28-1947	M	19/32	Son.
3166	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.

FINAL ROLL—MEMORIAL TRIBE OF INDIANS OF WISCONSIN—Continued

Final roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Membership blood	Family relationship and remarks
3167	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3168	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3169	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3170	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3171	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3172	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3173	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3174	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3175	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3176	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3177	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3178	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3179	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3180	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3181	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3182	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3183	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3184	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3185	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3186	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3187	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3188	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3189	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3190	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3191	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3192	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3193	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3194	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3195	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3196	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3197	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3198	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3199	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.
3200	Whitney, Thomas E., Jr.	11-9-1938	M	19/32	Son.

## FINAL ROLL—MENOMINEE TRIBE OF INDIANS OF WISCONSIN—Continued

Final roll No.	1950 roll No.	Name—Surname; given; maiden	Date of birth	Sex	Degree of Menominee blood	Family relationship and remarks
3107	3170	Winneshlek, Jane (O'Kimosh).....	1906	F	3/4	Mother.
3108	3181	Winneshlek, Judith N.....	2-11-1937	F	3/8	Single.
3109	3182	Winneshlek, Mary A.....	1-16-1945	F	3/8	Daughter.
3200	3181	Winneshlek, Reynold F.....	7- 8-1943	M	3/8	Son.
3201	3180	Winneshlek, Sharon J.....	6- 6-1942	F	3/8	Daughter.
3202	1353	Wirtz, Alma (Loudbear).....	2-15-1918	F	1/2	Married.
3203	3185	Wishecoby, Alexander.....	2-11-1908	M	9/16	Father.
3204	3180	Wishecoby, Aloysius.....	6-19-1939	M	9/32	Single.
3205	3187	Wishecoby, Dominic A.....	7- 8-1940	M	9/32	Son.
3206	3189	Wishecoby, Kenneth J.....	12- 6-1935	M	9/32	Married.
3207	3190	Wishecoby, Louis.....	10-14-1884	M	5/8	Widower.
3208	3188	Wishecoby, Louis Joseph.....	6-23-1928	M	9/32	Single.
3209	3188	Wishecoby, Marianna L.....	9-25-1941	F	9/32	Daughter.
3210	3191	Wishecoby, Peter (deceased).....	12-25-1892	M	5/8	Deceased.
3211	3183	Wishkeno, Jim.....	1888	F	4/4	Single.
3212	3185	Wishkeno, Nessie (Fish).....	1889	F	4/4	Married.
3213	3194	Wishkeno, Tom.....	1894	M	4/4	Married.
3214	3196	Wolf, Annie.....	6-24-1921	F	3/8	Single.
3215	459	Wolf, Bernard L.....	1- 8-1944	M	3/8	Son.
3216	3197	Wolf, James.....	1883	M	3/4	Married.
3217	3199	Wolf, James, Jr.....	7-21-1916	M	5/16	Grandson.
3218	3200	Wolf, Peter.....	2- 2-1914	M	5/8	Married.
3219	3201	Wolf, Petowakesit.....	11-18-1911	M	5/8	Married, a/k/a Louis Wolf.
3220	3193	Wolf, Posonoko.....	1892	F	1/2	Married.
3221	481	Wolf, Theresa.....	1-12-1947	F	3/8	Daughter.
3222	3202	Woodward, Barbara (Vigue).....	4- 3-1920	F	1/8	Married.
3223	3204	Worden, Ellis J.....	1-14-1942	M	1/4	Son.
3224	3204	Worden, Jerome.....	1-15-1920	M	1/2	Father.
3225	3205	Worden, Renee.....	8- 8-1946	F	1/4	Daughter.
3226	3208	Wozniak, Hazel (Johnson).....	12-27-1928	F	1/2	Married.
3227	111	Wright, Douglas.....	6-30-1945	M	5/16	Son, mother No. 107.
3228	3207	Wycheist, Charles, Jr.....	1-16-1915	M	1/4	Married, a/k/a Charles Martel.
3229	3209	Wycheist, Felix J.....	4-23-1925	M	1/4	Married, a/k/a Felix Martel.
3230	2545	Wycheist, Gerhardt C.....	2-18-1948	M	3/8	Son, a/k/a Gerhardt Martel.
3231	3210	Wycheist, Henry J., Jr.....	3-30-1937	M	1/2	Single, a/k/a Henry Martel.
3232	3211	Wycheist, Henry M.....	8-16-1917	M	1/4	Father, a/k/a Henry Martel.
3233	3212	Wycheist, Ida (Peters).....	12-20-1910	F	5/8	Mother.
3234	3213	Wycheist, Leon F.....	4-10-1938	M	1/2	Single.
3235	3214	Wycheist, Louise (Warrington).....	5- 8-1890	F	3/8	Married, a/k/a Eliza W. Martel.
3236	3203	Wycheist, Nellie (Wishkeno).....	12- 7-1925	F	5/8	Married.
3237	3230	Wynos, Bernice (Soman).....	5-17-1939	F	31/32	Mother.
3238	3225	Wynos, Christina.....	1-19-1943	F	1/4	Daughter.
3239	3231	Wynos, Clifford W.....	5-22-1950	M	31/64	Son.
3240	3218	Wynos, Dennis J.....	6-15-1949	M	3/8	Son.
3241	3216	Wynos, Dewey, Jr.....	1-29-1941	M	3/8	Son.
3242	3217	Wynos, Diana M.....	10-28-1943	F	3/8	Daughter.
3243	3223	Wynos, Donald.....	11- 7-1939	M	1/4	Single.
3244	3232	Wynos, Jacqueline L.....	9-24-1953	F	43/64	Daughter.
3245	3224	Wynos, Joan M.....	7-13-1951	F	1/4	Daughter.
3246	3215	Wynos, Helen (Awonohapay).....	6-26-1912	F	3/4	Mother.
3247	3222	Wynos, Louis.....	1- 3-1938	M	1/4	Single.
3248	3220	Wynos, Martin D.....	6-20-1952	M	3/8	Son.
3249	3219	Wynos, Marwin J.....	3-16-1951	M	3/8	Son.
3250	3221	Wynos, Mary (Wesho).....	1909	F	1/2	Mother.
3251	3229	Wynos, Nahwahquaw.....	10-27-1926	M	3/8	Father, a/k/a Wesley.
3252	3233	Wynos, Paesha.....	1904	M	3/4	Married, a/k/a Paul.
3253	3235	Wynos, Robert.....	1-16-1936	M	1/4	Married.
3254	3223	Wynos, Rosanna.....	5-26-1947	F	1/4	Daughter.
3255	3224	Wynos, Virginia.....	12- 3-1940	F	1/4	Daughter.
3256	3227	Wynos, Wayne A.....	12-28-1949	M	1/4	Son.
3257	3236	Young, Bertha (Vigue).....	9-14-1921	F	1/8	Married.
3258	3237	Zaja, Elizabeth (McCall).....	6-15-1894	F	3/4	Married.
3259	3246	Zhuckkahosee, Aloysius.....	3- 1-1954	M	25/64	Son.
3260	3241	Zhuckkahosee, Cheryl.....	6- 2-1945	F	25/64	Daughter.
3261	3240	Zhuckkahosee, James.....	1- 7-1943	M	25/64	Son.
3262	3244	Zhuckkahosee, Marela M.....	7- 4-1950	F	25/64	Daughter.
3263	3238	Zhuckkahosee, Matilda (Wapoose).....	4-27-1922	F	25/32	Mother.
3264	3239	Zhuckkahosee, Myrna J.....	5-20-1942	F	25/64	Daughter.
3265	3243	Zhuckkahosee, Reginald.....	2-23-1948	M	25/64	Son.
3266	3242	Zhuckkahosee, Sandra J.....	9-26-1946	F	25/64	Daughter.
3267	3245	Zhuckkahosee, Thomas.....	10- 8-1952	M	25/64	Son.
3268	3251	Zimmerman, John C.....	10-27-1952	M	5/16	Son.
3269	3247	Zimmerman, Olive (Neconish).....	8-11-1917	F	5/8	Mother.
3270	3231	Zimmerman, Ramona (Wynos).....	8-26-1933	F	1/4	Single.

Certificate. I hereby certify that the foregoing roll, comprising 3,270 names, numbered from 1 to 3,270 inclusive, contains the names of all persons whose names appear on the final membership roll of the Menominee Tribe of Indians, pursuant to provisions of the Act of June 17, 1954 (68 Stat. 250).

Signed this 12th day of August 1957.

MELVIN L. ROBERTSON,  
Superintendent,  
Menominee Indian Agency,  
Keshena, Wisconsin.

[F. R. 57-10335; Filed, Dec. 11, 1957; 8:55 a. m.]

## ATOMIC ENERGY COMMISSION

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## INFORMATION ON ORGANIZATION

SECTION 1.100 *Creation and authority.* The Atomic Energy Commission was established by the Atomic Energy Act of 1954 (68 Stat. 919; 42 U. S. C. 2011 et seq.) approved August 30, 1954 amending and replacing the Atomic Energy Act of 1946

(60 Stat. 755; 42 U. S. C. 1801 et seq.), approved August 1, 1946. Pursuant to section 9 (a) of the 1946 act, certain interests, property and facilities of the Government, including interests, property and facilities of the Manhattan Engineer District, were transferred to the Commission December 31, 1946, by Executive Order 9816 of the same date.

**SEC. 1.101 Purpose.** It is the purpose of the Atomic Energy Commission under the act to effectuate the declared policy of the people of the United States that

a. The development, use, and control of atomic energy shall be directed so as to make the maximum contribution to the general welfare, subject at all times to the paramount objective of making the maximum contribution to the common defense and security; and

b. The development, use, and control of atomic energy shall be directed so as to promote world peace, improve the general welfare, increase the standard of living, and strengthen free competition in private enterprise.

**SEC. 1.102 Programs.** The act provided for the following major programs relating to atomic energy:

a. A program of conducting, assisting, and fostering research and development in order to encourage maximum scientific and industrial progress;

b. A program for the dissemination of unclassified scientific and technical information and for the control, dissemination, and declassification of Restricted Data, subject to appropriate safeguards, so as to encourage scientific and industrial progress;

c. A program for Government control of the possession, use, and production of atomic energy and special nuclear material so directed as to make the maximum contribution to the common defense and security and the national welfare;

d. A program to encourage widespread participation in the development and utilization of atomic energy for peaceful purposes to the maximum extent consistent with the common defense and security and with the health and safety of the public;

e. A program of international cooperation to promote the common defense and security and to make available to cooperating nations the benefits of peaceful applications of atomic energy as widely as expanding technology and considerations of the common defense and security will permit; and

f. A program of administration which will be consistent with the foregoing policies and programs, with international arrangements and with agreements for cooperation, which will enable the Congress to be currently informed so as to take further legislative action as may be appropriate.

**SEC. 1.103 Operations.** The operations of the Commission are carried out largely by industrial concerns and by private and public institutions under contract with the Commission, in accordance with the requirements and policies established by the Commission pursuant to the Atomic Energy Act. Some of the principal production and research and devel-

opment activities are conducted by contractors in facilities owned by the Commission. Major production facilities owned by the Commission are located at Oak Ridge, Tennessee; Hanford, Washington, and at sites located near Paducah, Kentucky; Aiken, South Carolina, and Portsmouth, Ohio. Major research and development facilities owned by the Commission are the Atomic Energy Laboratory at Ames, Iowa; the Argonne Cancer Research Hospital at Chicago, Ill.; the Argonne National Laboratory at Chicago, Ill.; the Bettis Plant at Pittsburgh, Pa.; the Brookhaven National Laboratory at Upton, Long Island, New York; the Knolls Atomic Power Laboratory at Schenectady, New York; the Los Alamos Scientific Laboratory at Los Alamos, New Mexico; the Mound Laboratory at Miamisburg, Ohio; the Oak Ridge Institute of Nuclear Studies at Oak Ridge, Tennessee; the Oak Ridge National Laboratory at Oak Ridge, Tennessee; the Radiation Laboratory at Berkeley, California; and its extension at Livermore, California; the Raw Materials Development Laboratory at Winchester, Mass.; the Rochester Atomic Energy Project at Rochester, New York; the Sandia Laboratory at Albuquerque, New Mexico; the University of California at Los Angeles Atomic Energy Project, Los Angeles, California; the National Reactor Testing Station at Idaho Falls, Idaho; the Nevada Test Site at Las Vegas, Nevada; and the Pacific Proving Ground, Marshall Islands.

**SEC. 1.104 General outline of organization.** This section outlines the principal elements of the Commission's organization.

a. The Commission is composed of five members, one designated as Chairman, all appointed by the President by and with the advice and consent of the Senate. The Commissioners confer and act as a body on important matters of policy, programs, and administration.

b. The General Manager, appointed by the Commission, is the principal executive and administrative officer of the Commission.

(1) The General Manager is responsible to the Commission for the formulation of policies and programs by the Commission's Divisions. Two of the Commission's Divisions and one Office were established by the Atomic Energy Act of 1954. These are the Division of Military Application, and the Division of Inspection, and the Office of the General Counsel. In addition the Commission has established the Divisions of Reactor Development, Biology and Medicine, Raw Materials, Research, Production, Civilian Application and International Affairs, as program Divisions primarily responsible for carrying out the various Commission programs.

(2) The General Manager is assisted in his executive and administrative duties by the Deputy General Manager, Assistant General Managers for Administration, Manufacturing, Research and Industrial Development, and International Activities, the Assistant General Manager, the Director of the Office of Operations Analysis and Planning, the Director of the Division of Inspection,

and the Controller. In addition, a number of staff Divisions have been established reporting to the Assistant General Managers and are responsible for providing staff assistance to the General Manager and Program Divisions in carrying out the work of the Commission. These include the Divisions of Construction and Supply, Intelligence, Security, Classification, Information Services, Nuclear Materials Management, and Organization and Personnel.

c. Certain executive and administrative functions have been delegated by the General Manager to the Division Directors, particularly to the Directors of the Divisions of Production, Military Application, Raw Materials, and Reactor Development.

(1) The Director, Division of Production, is responsible for the Operations Offices at Oak Ridge, Tennessee; Hanford, Washington, and Aiken, South Carolina; and the Paducah Area Office located near Paducah, Kentucky; the Portsmouth Area Office located near Portsmouth, Ohio; the Fernald Area Office located near Cincinnati, Ohio; the St. Louis Area Office located at St. Louis, Missouri; the New Brunswick Area Office located at New Brunswick, New Jersey, and the Puerto Rico Area Office located at Puerto Rico.

(2) The Director, Division of Military Application, is responsible for the Operations Offices at Albuquerque, New Mexico, and at San Francisco, California; and the Dayton Area Office at Dayton, Ohio; the Kansas City Area Office at Kansas City, Mo.; the Los Alamos Area Office at Los Alamos, New Mexico; the Rocky Flats Area Office near Denver, Colorado; the South Albuquerque Area Office at Albuquerque, New Mexico; the Burlington Area Office at Burlington, Iowa; and the Clearwater Area Office at Clearwater, Florida.

(3) The Director, Division of Reactor Development, is responsible for Operations Offices at Chicago (Lemont), Illinois; New York City, New York; Schenectady, New York, and Idaho Falls, Idaho; and the Pittsburgh Area Office located near Pittsburgh, Pennsylvania; the Lockland Area Office located at Cincinnati, Ohio; the Hartford Area Office located at East Hartford, Connecticut; the Brookhaven Area Office at Upton, New York, and the Canoga Park Area Office at Canoga Park, California.

(4) The Director, Division of Raw Materials, is responsible for the Operations Office at Grand Junction, Colorado.

**SEC. 1.105 Committees.** The Atomic Energy Act provides for four permanent committees:

a. The Joint Committee on Atomic Energy, composed of nine members of the Senate and nine members of the House of Representatives, makes continuing studies of the activities of the Atomic Energy Commission and of problems relating to the development, use and control of atomic energy. The Commission keeps the Joint Committee fully and currently informed on the activities of the Commission.

b. The General Advisory Committee, composed of nine members appointed

from civilian life by the President, advises the Commission on scientific and technical matters relating to materials, production, and research and development.

c. The Military Liaison Committee consists of representatives of the Army, Navy, and Air Force in equal numbers as determined by the Secretary of Defense and of a Chairman appointed by the President with the advice and consent of the Senate. At the present time the Military Liaison Committee has seven members. The Commission advises and consults with the Department of Defense through the Committee on all atomic energy matters which the Department of Defense deems to relate to the military application of atomic weapons or other matters relating to atomic energy. The Department of Defense through the Committee keeps the Commission fully and currently informed on all matters within the Department of Defense which the Commission deems to relate to the development or application of atomic energy.

d. The Advisory Committee on Reactor Safeguards, composed of fifteen members appointed by the Commission for terms of four years each, reviews safety studies and facility license applications referred to it and makes reports thereon. The Committee advises the Commission with regard to the hazards of proposed or existing reactor facilities and the adequacy of proposed reactor safety standards and performs such other duties as the Commission requests.

Sec. 1.106 *The Commission.* The five Commissioners are appointed each for a term of five years (except where the appointment is to fill an unexpired term, by the President) by and with the advice and consent of the Senate. One member is designated by the President as Chairman. The Commissioners establish policies and programs pursuant to the provisions of the Atomic Energy Act, appoint the principal officers of the Commission's organization, and take such other action as may be required to effectuate the purposes and policies of the Atomic Energy Act.

Sec. 1.107 *Office of the General Manager.* The Office of the General Manager is established by the Atomic Energy Act and the General Manager is appointed by the Commission. The Commission has authorized and directed the General Manager to discharge those executive and administrative functions of the Commission which may be necessary to carry out the provisions of the Atomic Energy Act of 1954. The General Manager is authorized to redelegate such authority in writing, with or without authority to make successive redelegations, and under such terms, conditions, and limitations as he may deem appropriate. He is assisted in discharging his responsibilities by the Deputy General Manager, who is authorized to take action for the General Manager on all matters falling within the authority of the General Manager.

Sec. 1.108 *Office of the Assistant General Manager for Administration.*

The Assistant General Manager for Administration assists the General Manager in over-all management of the Atomic Energy Commission, with primary responsibility for furnishing day-to-day administrative direction and coordination to all programs and supporting activities of the Commission.

Sec. 1.109 *Office of the Assistant General Manager for Manufacturing.* The Assistant General Manager for Manufacturing develops, directs, and coordinates all manufacturing programs of the Commission, specifically those of the Division of Production, Raw Materials, and Construction & Supply.

Sec. 1.110 *Office of the Assistant General Manager for Research and Industrial Development.* The Assistant General Manager for Research and Industrial Development develops, directs, and coordinates research and development programs of the Commission, specifically those of the Divisions of Research, Biology and Medicine and Reactor Development.

Sec. 1.111 *Office of the Assistant General Manager.* The Assistant General Manager assists the General Manager by coordinating and directing the activities of the Divisions of Classification, Information Services, Intelligence, Organization and Personnel, Security, and Nuclear Materials Management.

Sec. 1.112 *Office of the Assistant General Manager for International Activities.* The Assistant General Manager for International Activities assists the General Manager by coordinating and directing the activities of the Division of International Affairs and the Office of Special Projects.

Sec. 1.113 *Division of Civilian Application.* The Division of Civilian Application is responsible for administering the Commission's civilian application program, including the preparation and issuance of licensing regulations; review of applications for and granting of licenses for source, special nuclear, and byproduct material, production and utilization facilities, and operators of such facilities; administration of the program for granting access to restricted data relating to the civilian uses of atomic energy; developing policy for determination of prices to be paid for special nuclear materials produced by licensees, and the charges to be assessed for materials and services furnished to licensees and others; the handling of applications for authorizations to engage in activities abroad in the atomic energy field; coordinating the Commission's reactor safety program; cooperating with the States in the foregoing regulatory matters except inspection of licensed facilities, licensees, and holders of permits or authorizations; and the promoting of public understanding of the foregoing. The Director, Division of Civilian Application, is the Commission liaison representative with the Advisory Committee on Reactor Safeguards.

(a) The Director, Division of Civilian Application, has been delegated by the General Manager to take agency action in accordance with this Chapter except

when such agency action is the subject of formal hearing under 10 CFR Part 2, to issue, renew, and amend; to deny application for, or for amendment or renewal of; to impose requirements by order upon the licensee or holder of; to modify, suspend, or revoke; and to issue notices of violation upon the licensee or holder of the following licenses, permits, and authorizations:

(1) Permits to have access to Restricted Data relating to civilian uses of atomic energy, under 10 CFR Part 25;

(2) Licenses to manufacture, produce, transfer, receive, acquire, own, possess, use, import or export byproduct material under 10 CFR Part 30;

(3) Licenses to transfer or deliver, receive possession of or title to, or export source material under 10 CFR Part 40;

(4) Class 104 licenses and construction permits to transfer or receive in interstate commerce, manufacture, produce, transfer, acquire, possess, use, import or export production or utilization facilities under 10 CFR Part 50;

(5) Licenses to manipulate the controls of any facility licensed pursuant to 10 CFR Part 50, under 10 CFR Part 55;

(6) Licenses to receive, possess, use or transfer special nuclear material under 10 CFR Part 70; and

(7) Authorizations to communicate Restricted Data under the provisions of Agreements for Cooperation with foreign nations arranged pursuant to section 144 of the act.

(b) The Director, Division of Civilian Application has redelegated:

(1) The authority specified in paragraph (a) of this section to the Deputy Director, Division of Civilian Application in absence of the Director, Division of Civilian Application from the official Headquarters of the U. S. Atomic Energy Commission;

(2) The authority specified in subparagraphs (a) (2) of this section to the Assistant Director for Isotopes and Radiation, Division of Civilian Application. This authority has been redelegated to the Chief, Isotopes Extension, Division of Civilian Application, located at Oak Ridge, Tennessee; and

(3) The authority specified in subparagraphs (a) (3) and (6) of this section to the Chief, Licensing Branch, Division of Civilian Application.

Sec. 1.114 *Division of Military Application.* The Division of Military Application directs the research, development, production, testing and storage of atomic weapons; manages related AEC installations and communities; and assists in maintaining liaison between the Atomic Energy Commission and the Department of Defense. The Director, Division of Military Application is authorized to make and administer contracts, and to redelegate this authority, except that new or unusual types of transactions are subject to prior consideration of the General Manager.

Sec. 1.115 *Office of the General Counsel.* The General Counsel provides legal advice and assistance to the Commission, General Manager, Divisions and Offices, and Managers of Operations. The Office of the General Counsel directs and

is responsible for all matters of law and legal policy concerning the Atomic Energy Commission, including all such matters which arise in connection with functions administered by the Operations Offices. An Assistant General Counsel, attached for administrative purposes to each Operations Office, acts for the General Counsel as advisor to the respective Manager of Operations. The Patent Branch, which is part of the Office of the General Counsel, administers matters relating to patents and inventions.

**Sec. 1.116 Division of Inspection.** The Division of Inspection is responsible for the development and maintenance of policies, procedures, and standards governing the investigation and inspection of contractors, licensees, and officers and employees of the Commission to show whether or not they are complying with the provisions of the act and the appropriate rules and regulations of the Commission. Direct inspections and investigations are made as considered necessary by the Director of the Division.

**Sec. 1.117 Division of International Affairs.** The Division of International Affairs develops, directs, and coordinates the Commission's program for international cooperation including the development of policies, standards, and procedures relating to the President's "Atoms for Peace" program; agreements for cooperation; and maintenance of continuous liaison with the Department of State and other Government agencies concerning these international atomic energy affairs.

**Sec. 1.118 Division of Finance.** The Division of Finance, headed by the Controller, advises all offices and divisions on the financial implications of proposed courses of action; develops and maintains the policies and standards of accounting, auditing, budgeting, insurance, contract finance, and related reporting used throughout the agency's direct and contract operations; reports the results of AEC operations and provides cost, pricing and other financial reports needed for sound financial management; reviews and coordinates the preparation and presentation of budgets and provides central administration of approved budgets; prepares the Commission's classified status and progress reports; performs financial operations for the Headquarters office and those financial functions that are centralized for the AEC as a whole.

**Sec. 1.119 Office of Operations Analysis and Planning.** The Office of Operations Analysis and Planning is responsible for analyzing and providing engineering and economic advice to the General Manager on major technical considerations on policy formulation for the production, use, and distribution of nuclear materials; and for coordinating and analyzing long-range plans, especially in those matters involving more than one organizational unit of the Commission.

**Sec. 1.120 Division of Production.** The Division of Production develops and

directs programs for the production of special nuclear materials including the preparation of feed materials and the conduct of related process development. It supervises the Hanford, Oak Ridge, and Savannah River Operations Offices. The Director of Production is authorized to make and administer contracts in execution of the production program and to redelegate this authority, except that new or unusual types of transactions are subject to prior consideration by the Assistant General Manager for Manufacturing.

**Sec. 1.121 Division of Construction and Supply.** The Division of Construction and Supply develops and maintains policies, procedures, and standards for: construction and related engineering including communications, maintenance of facilities, and purchase or generation of electric power; priorities, allocations, and expediting; transportation; procurement and contracts; property and supply management including acquisition, storage, utilization, and disposal of materials (other than source and special nuclear materials and weapon components), equipment, supplies, and real estate; and records management. Develops and administers the AEC emergency, disaster, and industrial mobilization readiness programs. Responsible for design, construction, and operation of new Headquarters building. Provides administrative office services for Headquarters office and liaison with other Federal agencies on matters within the responsibility of the Division. Assists in establishing program objectives; maintains systems for reporting progress; and evaluates performance of AEC and contractor organizations as required, to insure adherence to AEC policy and procedures as related to the assigned functions.

**Sec. 1.122 Division of Raw Materials.** The Division of Raw Materials develops and executes the AEC's programs, both domestic and foreign, involving the exploration for, and production and acquisition of source materials, including related process development, and the procurement of certain special materials, and advises the Assistant General Manager for Manufacturing on uranium ore and concentrate procurement. The Director, Division of Raw Materials, is authorized to make and administer contracts, and to redelegate this authority, except that new or unusual types of transactions are subject to prior consideration of the Assistant General Manager for Manufacturing. The Director, Division of Raw Materials, also serves as a member of the Combined Development Agency.

**Sec. 1.123 Office of the Secretary to the Commission.** The Secretary to the Commission maintains official minutes and records of the Commission; reviews and processes documents to be presented to the Commission; advises the staff, on behalf of the General Manager, of Commission decisions and requests; and provides related services.

**Sec. 1.124 Division of Research.** The Division of Research develops and supervises programs of research in the physi-

cal sciences in AEC installations and outside organizations. Supervises and coordinates the AEC program for producing byproduct material and stable isotopes, and for providing irradiation services.

**Sec. 1.125 Division of Biology and Medicine.** The Division of Biology and Medicine develops and supervises programs of research in biology, medicine, agriculture, and biophysics at AEC facilities and through direct contracts with private institutions; supervises measures to guard the health of atomic energy employees and the public; maintains liaison with the Federal Civil Defense Administration and other Federal agencies on civil defense matters; coordinates the procurement of radiation detection instruments; and supervises the Special Training Fellowship Program in the life sciences.

**Sec. 1.126 Division of Reactor Development.** The Division of Reactor Development develops and directs programs for the development of nuclear reactor systems and associated chemical processing and waste disposal operations including various types of military reactors for ship and aircraft propulsion and for other military purposes. The Division also directs the development of economically feasible reactors for civilian uses. The Division integrates into this program the special needs of other divisions. The Director, Division of Reactor Development is authorized to make and administer contracts, and to redelegate this authority, except that new or unusual types of transactions are subject to prior consideration of the Assistant General Manager for Research and Industrial Development.

**Sec. 1.127 Division of Organization and Personnel.** The Division of Organization and Personnel develops and maintains the independent AEC merit system through the administration of the personnel policy and related procedures; provides staff assistance in all matters of organization, management methods, contractor personnel administration, and safety and fire protection; and provides personnel services for the Headquarters Office.

**Sec. 1.128 Division of Classification.** The Division of Classification administers and effectuates the Commission's programs for the classification and declassification of information.

**Sec. 1.129 Division of Security.** The Division of Security plans and develops over-all policies, standards and procedures for safeguarding Restricted Data and other classified information and protecting facilities, equipment and materials of security interest or strategic importance to the AEC program. It provides staff assistance, including inspection service, on all aspects of the AEC security program. It maintains liaison with other Governmental agencies on security matters and administers the operational security program for AEC Headquarters, Washington.

**Sec. 1.130 Division of Intelligence.** The Division of Intelligence provides the



General Manager and the Commission with the evaluated intelligence on foreign nations necessary to the operations of the AEC and directs the intelligence activities of the AEC.

**SEC. 1.131 Division of Information Services.** The Division of Information Services advises and assists the Commission, General Manager, and the principal staff of the Headquarters Office in disseminating scientific, technical and general information arising from policy determinations and program developments in accordance with provisions of the Atomic Energy Act of 1954 and other statutes. The Division assists Managers of Operations in complying with the requirements of the Commission, General Manager, and Directors of Program Divisions for coordination of public and technical information programs through advice to their public and technical information staffs.

**SEC. 1.132 Division of Nuclear Materials Management.** The Division of Nuclear Materials Management has staff responsibility for ensuring that appropriate proprietorship is maintained over the AEC's source, special nuclear, and certain other materials. This responsibility entails development and maintenance of procedures to provide quantitative control and ensure its scientific validity; review of AEC offices and contractors in effecting that control; development and implementation of policies and procedures for an AEC standard materials and standard measurements program; compilation and review of requirements for source and special nuclear materials; and guidance on the quantitative control aspects of domestic and foreign use of the AEC's source and special nuclear material.

**SEC. 1.133 Office of Special Projects.** The Office of Special Projects directs AEC activities relative to proposals for international disarmament, including liaison with the Department of State, staff support for AEC representation on the President's Special Committee for Disarmament and the preparation and coordination of major staff studies; is responsible for operational aspects of major international conferences and provides support on all other international nuclear programs and studies, as may be assigned, in which the United States and AEC specifically have a participating interest.

**SEC. 1.134 Office for International Conference.** The Office for International Conference is a temporary organizational unit established within the Atomic Energy Commission for the purpose of planning, coordinating and directing the United States technical participation in the Second International Conference on the Peaceful Uses of Atomic Energy to be held in Geneva, Switzerland, September 1-13, 1958. The United States program in the Conference in a joint undertaking by the Department of State and the Atomic Energy Commission. The Commission has been specifically assigned responsibility for the scientific and technical aspects of the program which will include technical papers,

technical films, and exhibits of devices, equipment and machines depicting the peaceful uses of atomic energy. The OIC will seek commercial assistance in the preparation of the technical exhibit and technical films.

#### MAJOR FIELD OFFICES

**SEC. 1.135 Chicago Operations Office.** The Chicago Operations Office, under the direction of a Manager of Operations responsible to the Director, Division of Reactor Development, is responsible for administering contracts in the fields of biological, medical, and physical science research and for the development of nuclear reactors and reactor systems at the Argonne National Laboratory and at other sites; for the supervision of related engineering and construction programs; and for the supervision of the Pittsburgh, Hartford, Canoga Park, and Lockland Area Office. The Manager of Operations makes or approves contracts and subcontracts in the execution of his assigned responsibilities, except that new or unusual transactions or any contract action in excess of \$5,000,000 is subject to the approval of the Director, Division of Reactor Development.

**SEC. 1.136 Hanford Operations Office.** The Hanford Operations Office, under the direction of a Manager of Operations responsible to the Director of Production, is responsible for the production of special nuclear materials; the supervision of related process development, engineering and construction programs; and the management of Richland Village. The Manager of Operations makes or approves contracts and subcontracts in the execution of his assigned responsibilities, except that new or unusual transactions or any contract action in excess of \$5,000,000 is subject to the prior approval of the Director, Division of Production.

**SEC. 1.137 Idaho Operations Office.** The Idaho Operations Office, under the direction of a Manager of Operations responsible to the Director, Division of Reactor Development, provides for the design, construction and operation of nuclear reactors as assigned, together with necessary facilities and services; manages the National Reactor Testing Station, and performs other special assigned functions; administers related engineering and construction programs; and makes or approves purchases, contracts, and subcontracts, except that each purchase, contract, subcontract, extension, or modification in excess of \$3,000,000 is subject to the approval of the Director, Division of Reactor Development.

**SEC. 1.138 New York Operations Office.** The New York Operations Office, under the direction of a Manager of Operations responsible to the Director, Division of Reactor Development, is responsible for administering contracts in the fields of biological, medical, and physical science research and for the development of nuclear reactors and reactor systems; for the supervision of related engineering and construction programs; and for the supervision of the Brookhaven Area Office which administers the

contract for operation of the Brookhaven National Laboratory. In addition, directly administers the AEC Health and Safety Laboratory. The Manager of Operations makes or approves contracts and subcontracts in the execution of his assigned responsibilities, except that new or unusual transactions or any contract action in excess of \$3,000,000 is subject to the approval of the Director, Division of Reactor Development.

**SEC. 1.139 Oak Ridge Operations Office.** The Oak Ridge Operations Office, under the direction of a Manager of Operations responsible to the Director, Division of Production, is responsible for the production of special nuclear materials including the preparation of feed materials; the supervision of related process development, engineering and construction programs; the management of the community of Oak Ridge; the administration of contracts for research programs at the Oak Ridge National Laboratory and other sites; and the supervision of Paducah, Portsmouth, St. Louis, Fernald, and New Brunswick Area Offices. The Manager of Operations makes or approves purchases, contracts, and subcontracts in execution of his assigned responsibilities, except that new or unusual transactions or any contract action in excess of \$5,000,000 is subject to the approval of the Director, Division of Production.

**SEC. 1.140 Albuquerque Operations Office.** The Albuquerque Operations Office, under the direction of a Manager of Operations responsible to the Director, Division of Military Application, is responsible for research, development, production, storage and readiness assurance, and testing in the field of atomic weapons; supervises facilities for these purposes; manages the community of Los Alamos, New Mexico; supervises engineering and construction programs; and supervises the Burlington, Kansas City, and Clearwater Area Offices and the Los Alamos Area Office which administers the contract for operation of the Los Alamos Scientific Laboratory and the Sandia Area Office which administers the contract for operation of the Sandia Laboratory. The Manager of Operations makes or approves purchases, contracts and subcontracts in the execution of his assigned responsibilities, except that new or unusual transactions or any contract action in excess of \$5,000,000 is subject to the approval of the Director, Division of Military Application.

**SEC. 1.141 Savannah River Operations Office.** The Savannah River Operations Office, under the direction of a Manager of Operations responsible to the Director, Division of Production, is responsible for the production of special nuclear materials; the supervision of related process development, engineering and construction programs; and the supervision of the Dana Area Office. The Manager of Operations makes or approves purchases, contracts, and subcontracts in execution of his assigned responsibilities, except that new or unusual transactions or any contract action in excess of \$5,000,000 is subject to



the approval of the Director, Division of Production.

**SEC. 1.142 Schenectady Operations Office.** The Schenectady Operations Office, under the direction of a Manager of Operations responsible to the Director, Division of Reactor Development, administers contracts for assigned portions of the AEC's Reactor Development Program; administers related engineering and construction programs; enters into or approves contracts and subcontracts, except that each purchase, contract, subcontract, extension or modification in excess of \$3,000,000 is subject to the approval of the Director of the Division of Reactor Development.

**SEC. 1.143 San Francisco Operations Office.** The San Francisco Operations Office, under the direction of a Manager of Operations responsible to the Director, Division of Military Application is responsible for research and development of atomic weapons; supervises facilities for these and other programs at Livermore, California, and such other installations as may be designated; administers related engineering, construction and maintenance programs; and makes or approves purchases, contracts, and subcontracts except that each purchase, contract, subcontract, extension or modification in excess of \$2,000,000 is subject to the approval of the Director, Division of Military Application.

**SEC. 1.144 Grand Junction Operations Office.** The Grand Junction Operations Office, under the direction of a Manager of Operations responsible to the Director, Division of Raw Materials, is responsible for acquisition of source materials (uranium and thorium) throughout the western United States, including the production of uranium concentrates in Government-owned facilities, and resources appraisal, and the supervision of construction and engineering programs. The Manager of Operations makes or approves purchases, contracts, and subcontracts in execution of his assigned responsibilities, except that new or unusual transactions or any contract action in excess of \$2,000,000 other than for the production or purchase of uranium concentrates required to meet approved programs, are subject to the approval of the Director, Division of Raw Materials.

#### GENERAL INFORMATION

**SEC. 1.200 Research and development contracts.** The Commission has entered into many contracts with public and private institutions for the prosecution of research and development work in various branches of physical, biological and medical science and technology. These contracts are negotiated and supervised on behalf of the Commission by the General Manager, the Managers of Operations and their authorized representatives, and the scientific staff of the divisions concerned. The Division of Research is responsible for the development and supervision of the research program involving the physical sciences in AEC installations and outside organizations and inquiries regarding participation in this program may be addressed

to the Director, Division of Research, Washington.

The Division of Biology and Medicine is responsible for administration of the program for the support of research relating to atomic energy in the fields of biology and medicine, and inquiries regarding participation in this program may be addressed to the Director, Division of Biology and Medicine, Washington.

**SEC. 1.201 Special training fellowship program.** The Division of Biology and Medicine is responsible for the administration of special training fellowship programs in Radiological Physics, Industrial Medicine, and Industrial Hygiene for the purpose of providing specialized training to fill the need for personnel in these fields. Applications for special fellowships in Radiological Physics and Industrial Hygiene may be submitted to the Oak Ridge Institute of Nuclear Studies, Inc., University Relations Division, P. O. Box 117, Oak Ridge, Tennessee. Applications for special fellowships in Industrial Medicine may be submitted to the School of Medicine and Dentistry, Atomic Energy Project, University of Rochester, Rochester 20, New York.

**SEC. 1.202 Information services.** Writers or speakers may submit material to the Atomic Energy Commission for security review. Assistance in determining if the material is free of classified information will be given insofar as national security permits. Such submission of material, as well as any requests for publicly releasable information concerning the Commission's organization and activities should be directed to the Division of Information Services, U. S. Atomic Energy Commission, Washington 25, D. C.

**SEC. 1.203 Domestic uranium program.** The Domestic Uranium Program of the Commission, under the direction of the Division of Raw Materials, was put into effect in April 1948. The details of the domestic ore purchase schedules have been explained in Domestic Uranium Program Circulars Nos. 1, 5 Rev., and 6 which were published as Code of Federal Regulations, Title 10, Part 60 (13 F. R. 2089; 13 F. R. 2090; 18 F. R. 6587; and 22 F. R. 6300). Details of the bonus for initial production from domestic mining properties appear in Domestic Uranium Program Circular 6 and details of the guaranteed minimum price schedule for domestic ores appear in Domestic Uranium Program Circular 5 Rev. The Division of Raw Materials has developed two booklets entitled "Prospecting for Uranium" and "Prospecting With a Counter" which provide valuable information and assistance to those interested in prospecting for radioactive materials. Both booklets may be obtained at 75 cents and 30 cents a copy respectively, from the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

**SEC. 1.204 Commission licensing and patent programs.** The Commission licensing program (see also 1.113 supra) embraces the licensing of source, special nuclear, and byproduct material; and,

production and utilization facilities and operators of such facilities. The programs are the subject of regulations which follow in other parts of Title 10.

The Patent Program of the Atomic Energy Commission is designed to protect the government and industry with respect to inventions resulting from government sponsored work in the field of atomic energy. The Commission accords non-exclusive licenses to industry on Commission-owned inventions. The Commission has a patent compensation board established pursuant to the Atomic Energy Act to administer a program of awards provided for in the act. The Patent Program is the subject of regulations which follow in other parts of Title 10.

Dated at Washington, D. C., this 6th day of December 1957.

For the United States Atomic Energy Commission.

K. E. FIELDS,  
General Manager.

[F. R. Doc. 57-10263; Filed, Dec. 11, 1957; 8:50 a. m.]

[Docket No. 50-30]

#### NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS

##### ORDER SCHEDULING HEARING

The following order has been issued by the Hearing Examiner.

*It is ordered,* This 6th day of December, 1957, with the concurrence of counsel for all parties, that the hearing herein will commence on January 16, 1958, at 10 o'clock a. m., in Hearing Room C, Interstate Commerce Commission Building, 12th and Constitution Avenue NW., Washington, D. C.; and

*It is further ordered,* That all parties seeking intervention in this proceeding pursuant to § 2.705 of the Commission's rules shall file their petitions to intervene with the Secretary of the Commission on or before January 10, 1958.

Dated at Washington, D. C., this 9th day of December, 1957.

U. S. ATOMIC ENERGY  
COMMISSION,  
WOODFORD B. MCCOOL,  
Secretary.

[F. R. Doc. 57-10264; Filed, Dec. 11, 1957; 8:50 a. m.]

[Docket 50-38]

MARTIN Co.

#### NOTICE OF ISSUANCE OF FACILITY LICENSE

Please take notice that no request for a formal hearing having been filed following the filing of notice of the proposed action with the Federal Register Division on November 20, 1957, the Atomic Energy Commission on December 6, 1957 issued License CX-7 authorizing The Martin Company to possess and operate a critical facility at the location near Middle River, Maryland, described in the application in Docket 50-38.

Notice of the proposed action was published in the FEDERAL REGISTER on November 21, 1957, 22 F. R. 9324.

Dated at Washington, D. C., this 6th day of December 1957.

For the Atomic Energy Commission.

H. L. PRICE,  
Director,

Division of Civilian Application.

[F. R. Doc. 57-10285; Filed, Dec. 11, 1957;  
8:50 a. m.]

[Docket No. 50-74]

AMERICAN MACHINE & FOUNDRY CO.

NOTICE OF ISSUANCE OF FACILITY EXPORT  
LICENSE

Please take notice that no request for formal hearing having been filed following filing of notice of the proposed action with the Federal Register Division the Atomic Energy Commission on December 6, 1957, issued License No. XR-16 to American Machine & Foundry Company authorizing the export of a one megawatt pool-type research reactor to Societa Ricerche Impianti Nucleari (SORIN), Via Filippo Turati 8, Milano, Italy. The notice of proposed issuance of this license was published in the FEDERAL REGISTER on November 21, 1957, 22 F. R. 9324.

Dated at Washington, D. C., this 6th day of December, 1957.

For the Atomic Energy Commission.

H. L. PRICE,  
Director,

Division of Civilian Application.

[F. R. Doc. 57-10286; Filed, Dec. 11, 1957;  
8:50 a. m.]

DEPARTMENT OF COMMERCE

Federal Maritime Board

[Docket No. 828]

GENERAL INCREASES IN ALASKAN RATES AND  
CHARGES

NOTICE OF INVESTIGATION AND OF HEARING

On November 29, 1957, the Federal Maritime Board entered the following order:

It appearing that there have been filed with the Federal Maritime Board tariff schedules setting forth new increased rates and charges, and new rules, regulations and practices affecting such rates and charges, between Pacific Coast points on the one hand and points in Alaska on the other, also between points within Alaska, published to become effective December 2, 1957 and later, as designated in Appendix A.

It further appearing that upon consideration of the said schedules and protests thereto, there is reason to believe that they would, if permitted to become effective, result in rates and charges, rules and regulations or practices which would be unjust and unreasonable and in violation of the Shipping Act, 1916, and the Intercoastal Shipping Act, 1933, as amended; and good cause appearing therefor;

*It is ordered,* That an investigation be, and it is hereby, instituted into and concerning the lawfulness of the rates, charges, rules and regulations contained in said schedules, with a view to making such findings and order in the premises as the facts and circumstances shall warrant;

*It is further ordered,* That the operation of said tariff, pages, and/or supplements specified in Appendix A, be suspended and that the use thereof be deferred to and including April 2, 1958, unless otherwise authorized by the Board;

*It is further ordered,* That neither the schedules hereby suspended nor those sought to be altered thereby may be changed until this investigation and suspension proceeding has been disposed of or until the period of suspension has expired, unless otherwise authorized by the Board;

*It is further ordered,* That there shall be filed immediately with the Board by Alaska Steamship Company, Alaska Freight Lines, Inc., Coastwise Line, C. R. Nickerson, Agent and Garrison Fast Freight, Division of Consolidated Freightways, Inc., consecutively renumbered supplements to tariffs designated in Appendix A, which shall reproduce the portion of this Order and Appendix wherein the suspended pages and/or designated supplements or tariffs are described, and shall state that such pages, tariffs and supplements are suspended and that the rates, charges, rules, regulations and practices therein stated may not be used until the third day of April 1958, unless otherwise authorized by the Board; and that neither the rates, charges, rules, regulations and practices hereby deferred nor those which are sought to be altered thereby, may be changed during the period of suspension or any extension thereof, unless otherwise authorized by the Board;

*It is further ordered,* That copies of this order shall be filed with said tariffs in the Regulation Office of the Federal Maritime Board; that a copy hereof shall be forthwith served upon Alaska Steamship Company, Alaska Freight Lines, Inc., Coastwise Line, C. R. Nickerson, Agent, and Garrison Fast Freight, Division of Consolidated Freightways, Inc.; and said carriers and agent be, and they are hereby, made respondents in this proceeding; that protestants, carriers and agent be duly notified of the time and place of the hearing herein ordered and that notice of such hearing be published in the FEDERAL REGISTER.

APPENDIX A

ALASKA STEAMSHIP COMPANY

Notice of Surcharge Application appearing in—Supplement No. 2 to FMB F No. 70; Supplement No. 2 to FMB F No. 71; Supplement No. 9 to FMB F No. 74; Supplement No. 8 to FMB F No. 75; Supplement No. 7 to FMB F No. 76; Supplement No. 4 to FMB F No. 77; Supplement No. 8 to FMB F No. 78; Supplement No. 5 to FMB F No. 79; Supplement No. 6 to FMB F No. 80; Supplement No. 1 to FMB F No. 84; Tariff No. FMB F No. 85; effective December 2, 1957.

ALASKA FREIGHT LINES, INC.

Supplement No. 3 to FMB F No. 4, effective December 18, 1957.

COASTWISE LINE, AGENT C. R. NICKERSON

3d revised page 13 to FMB F No. 5; 3d revised page 15 to FMB F No. 6; 1st revised page 13 to FMB F No. 19; 1st revised page 5 to FMB F No. 21; Tariff No. FMB F No. 26; Tariff No. FMB F No. 27; effective December 2, 1957.

GARRISON FAST FREIGHT, DIVISION OF  
CONSOLIDATED FREIGHTWAYS, INC.

4th revised page 12 to FMB F No. 1; 4th revised page 13 to FMB F No. 1; 4th revised page 14 to FMB F No. 1; effective December 18, 1957.

Pursuant to the above order, notice is hereby given that a public hearing in this proceeding will be held before an examiner of the Board's Hearing Examiners' Office at a date and place to be determined, and announced by the Chief Examiner. The hearing will be conducted in accordance with the Board's Rules of Practice and Procedure, and an initial decision will be issued by the examiner.

All persons (including individuals, corporations, associations, firms, partnerships, and public bodies), having an interest in this proceeding and desiring to intervene therein, should notify the Secretary of the Board on or before December 31, 1957, and should file petitions for leave to intervene in accordance with Rule 5 (n) of said rules.

Dated: December 9, 1957.

By order of the Federal Maritime Board.

GEO. A. VIEHMANN,  
Assistant Secretary.

[F. R. Doc. 57-10292; Filed, Dec. 11, 1957;  
8:51 a. m.]

MOORE-McCORMACK LINES, INC. AND MISSISSIPPI SHIPPING CO., INC.

NOTICE OF AGREEMENT FILED FOR APPROVAL

Notice is hereby given that the following described agreement has been filed with the Board for approval pursuant to section 15 of the Shipping Act, 1916 (39 Stat. 733, 46 U. S. C. 814):

Agreement No. 8266; between Moore-McCormack Lines, Inc., and Mississippi Shipping Company, Inc., covers an arrangement for the interchange of passengers making circle and one-way trips in the U. S. Atlantic/East Coast South America service of Moore-McCormack, and the U. S. Gulf/East Coast South America service of Mississippi.

Interested parties may inspect this agreement and obtain copies thereof at the Regulation Office, Federal Maritime Board, Washington, D. C., and may submit, within 20 days after publication of this notice in the FEDERAL REGISTER, written statements with reference to the agreement and their position as to approval, disapproval, or modification, together with request for hearing should such hearing be desired.

By order of the Federal Maritime Board.

Dated: December 9, 1957.

GEO. A. VIEHMANN,  
Assistant Secretary.

[F. R. Doc. 57-10293; Filed, Dec. 11, 1957;  
8:51 a. m.]

## Office of the Secretary

L. KEVILLE LARSON

## STATEMENT OF CHANGES IN FINANCIAL INTERESTS

In accordance with the requirements of section 710 (b) (6) of the Defense Production Act of 1950, as amended, and Executive Order 10647 of November 28, 1955, the following changes have taken place in my financial interests as reported in the FEDERAL REGISTER of July 13, 1956, 21 F. R. 5240; December 8, 1956, 21 F. R. 9749; June 20, 1957, 22 F. R. 4369.

A. Deletions: Missouri Pacific, National Container.

B. Additions: Owens-Illinois Glass Company, New York Port of Authority, McRae Oil & Gas Co.

This statement is made as of November 30, 1957.

L. KEVILLE LARSON.

NOVEMBER 30, 1957.

[F. R. Doc. 57-10277; Filed, Dec. 11, 1957; 8:49 a. m.]

WILLIAM J. LINDNER

## STATEMENT OF CHANGES IN FINANCIAL INTERESTS

In accordance with the requirements of section 710 (b) (6) of the Defense Production Act of 1950, as amended, and Executive Order 10647 of November 28, 1955, the following changes have taken place in my financial interests as reported in the FEDERAL REGISTER of June 7, 1957, 22 F. R. 4036.

A. Deletions: No change.

B. Additions: No change.

This statement is made as of November 22, 1957.

WILLIAM J. LINDNER.

NOVEMBER 25, 1957.

[F. R. Doc. 57-10278; Filed, Dec. 11, 1957; 8:50 a. m.]

JOHN N. LUDWIG, JR.

## REPORT OF APPOINTMENT AND STATEMENT OF FINANCIAL INTERESTS

Report of appointment and statement of financial interests required by section 710 (b) (6) of the Defense Production Act of 1950, as amended.

## Report of Appointment

1. Name of appointee: Mr. John N. Ludwig, Jr.

2. Employing agency: Department of Commerce, Business and Defense Services Administration.

3. Date of appointment: November 12, 1957.

4. Title of position: Consultant.

5. Name of private employer: Electro Metallurgical Company, Division Union Carbide Corp., Oliver Building, Pittsburgh 22, Pa.

CARLTON HAYWARD,  
Director of Personnel.

DECEMBER 2, 1957.

## Statement of Financial Interests

6. Names of any corporations of which the appointee is an officer or director or within 60 days preceding appointment has been an officer or director, or in which the appointee owns or within 60 days preceding appointment has owned any stocks, bonds, or other financial interests; any partnerships in which the appointee is, or within 60 days preceding appointment was, a partner; and any other businesses in which the appointee owns, or within 60 days preceding appointment has owned, any similar interest.

Electro Metallurgical Company (Division of Union Carbide Corp.).  
Union Carbide Corporation.  
Climax Molybdenum.  
Bank deposits.

JOHN N. LUDWIG, JR.

NOVEMBER 25, 1957.

[F. R. Doc. 57-10279; Filed, Dec. 11, 1957; 8:50 a. m.]

LAWRENCE H. ZAHN

## STATEMENT OF CHANGES IN FINANCIAL INTERESTS

In accordance with the requirements of section 710 (b) (6) of the Defense Production Act of 1950, as amended, and Executive Order 10647 of November 28, 1955, the following changes have taken place in my financial interests as reported in the FEDERAL REGISTER of January 3, 1957, 22 F. R. 88; June 20, 1957, 22 F. R. 4369.

A. Deletions: No change.

B. Additions: No change.

This statement is made as of December 3, 1957.

LAWRENCE H. ZAHN.

DECEMBER 3, 1957.

[F. R. Doc. 57-10280; Filed, Dec. 11, 1957; 8:50 a. m.]

ROBERT P. BURRIS

## STATEMENT OF CHANGES IN FINANCIAL INTERESTS

In accordance with the requirements of section 710 (b) (6) of the Defense Production Act of 1950, as amended, and Executive Order 10647 of November 28, 1955, the following changes have taken place in my financial interests as reported in the FEDERAL REGISTER of June 20, 1957, 22 F. R. 4369-70.

A. Deletions: No change.

B. Additions: No change.

This statement is made as of December 3, 1957.

ROBERT P. BURRIS.

DECEMBER 3, 1957.

[F. R. Doc. 57-10281; Filed, Dec. 11, 1957; 8:50 a. m.]

## FEDERAL COMMUNICATIONS COMMISSION

[Docket No. 11934; FCC 57M-1234]

TEXAS TECHNOLOGICAL COLLEGE

ORDER SCHEDULING PREHEARING CONFERENCE

In re application of Texas Technological College, Lubbock, Texas, Docket No. 11934, File No. BPCT-2183; for construction permit for a new television broadcast station.

By agreement of the parties; *It is ordered*, This 6th day of December 1957, that a prehearing conference in the above-entitled proceeding will be held on December 9, 1957, at 10:00 a. m., in the offices of the Commission, Washington, D. C.

Released: December 9, 1957.

FEDERAL COMMUNICATIONS COMMISSION,

[SEAL] MARY JANE MORRIS,  
Secretary.

[F. R. Doc. 57-10297; Filed, Dec. 11, 1957; 8:51 a. m.]

[Docket No. 12163; FCC 57-1322]

CLASS B FM BROADCAST STATIONS

AMENDMENT OF REVISED TENTATIVE ALLOCATION PLAN

At a session of the Federal Communications Commission held at its offices in Washington, D. C., on the 5th day of December 1957;

The Commission having under consideration a proposal to amend the Revised Tentative Allocation Plan for Class B FM Broadcast Stations; and

It appearing that a Notice of Proposed Rule Making and Order To Show Cause (FCC 57-992) setting forth the above proposal to delete Channel 284 and add Channel 281 at San Diego, California and ordering Music Unlimited, licensee of FM Station KDFR (formerly KPAY), to show cause why its authorization for said station should not be modified to specify operation on Channel 281, was issued by the Commission on September 16, 1957 and was duly published in the FEDERAL REGISTER (22 F. R. 7496); which notice provided that interested parties might file statements or briefs with respect to said proposal on or before October 10, 1957; and

It further appearing that Station KPLA, Los Angeles, California, licensed to operate on Channel 282, submitted the only comment opposing the proposed amendment and stated that it had under preparation an application for a change in site and increase in power, which operation will result in serious mutual interference with KDFR should KDFR operate on Channel 281, and suggested that Channel 287 be allocated to San Diego in place of Channel 281; and

It further appearing that Station KDFR has stated that it will accept assignment of Channel 287 in place of Channel 281; and

It further appearing that should Station KDFR operate on Channel 287, the present interference with Station KFSD-FM, San Diego, licensed to operate on Channel 231, would be eliminated, and the KDFR operations would not involve objectionable interference with other assignments, pending applications, or vacant allocations in the area; and

It further appearing that authority for adoption of the proposed amendment is contained in sections 4 (i), 301, 303 (c), (d), (f), and (r), and 307 (b) of the Communications Act of 1934, as amended;

*It is ordered*, That effective December 5, 1957, the Revised Tentative Allocation Plan for Class B FM Broadcast Stations is amended as follows in respect to San Diego, California:

General area	Channels	
	Delete	Add
San Diego, Calif.....	284	287

Released: December 9, 1957.

FEDERAL COMMUNICATIONS  
COMMISSION,

[SEAL] MARY JANE MORRIS,  
*Secretary.*

[F. R. Doc. 57-10298; Filed, Dec. 11, 1957;  
8:52 a. m.]

[Docket No. 12184; FCC 57M-1230]

HARRIS CO.

#### ORDER CONTINUING HEARING

In re application of The Harris Company, Portland, Maine, Docket No. 12184, File No. 2223-C2-R-57; for the renewal of the license for the station KCB892, a two-way communication facility in the Domestic Public Land Mobile Radio Service.

Upon the oral request of counsel for the applicant in the above-entitled matter, and without opposition; *it is ordered*, This 5th day of December 1957, that the hearing presently scheduled for December 10, 1957, is hereby rescheduled to commence at 10:00 a. m., January 3, 1958, in the Commission's offices at Washington, D. C.

Released: December 9, 1957.

FEDERAL COMMUNICATIONS  
COMMISSION,

[SEAL] MARY JANE MORRIS,  
*Secretary.*

[F. R. Doc. 57-10299; Filed, Dec. 11, 1957;  
8:52 a. m.]

[Docket No. 12188; FCC 57M-1232]

MORGAN CLEANERS-FURRIERS, INC.

#### ORDER CONTINUING HEARING

In re application of Morgan Cleaners-Furriers, Inc., Mansfield, Ohio, Docket No. 12188, File No. 1355-C2-R-57; for the renewal of the license for the station KQC876, a two-way communication facility in the Domestic Public Land Mobile Radio Service.

The Hearing Examiner having under consideration the motion of the applicant, filed December 5, 1957, that hearing in the above-entitled proceeding be continued from December 10, 1957, to January 3, 1958;

It appearing that there is pending before the Commission a petition filed in behalf of the applicant for reconsideration of his application and the granting thereof without hearing, and that the Commission's Common Carrier Bureau, the only other party to the proceeding, does not oppose such petition;

It appearing further in view of the foregoing, that good cause exists to warrant the continuance herein sought;

*Accordingly, it is ordered*, This 5th day of December 1957, that the motion is granted and that hearing in the above-entitled proceeding is continued from December 10, 1957, to January 3, 1958.

Released: December 9, 1957.

FEDERAL COMMUNICATIONS  
COMMISSION,

[SEAL] MARY JANE MORRIS,  
*Secretary.*

[F. R. Doc. 57-10300; Filed, Dec. 11, 1957;  
8:52 a. m.]

[Docket Nos. 12201, 12202; FCC 57M-1231]

SOUTH NORFOLK BROADCASTING CO., INC.,  
AND DENBIGH BROADCASTING CO.

#### ORDER SCHEDULING PREHEARING CONFERENCE

In re applications of South Norfolk Broadcasting Company, Incorporated, South Norfolk, Virginia, Docket No. 12201, File No. BP-10981; Cy Blumenthal tr/as Denbigh Broadcasting Co., Denbigh, Virginia, Docket No. 12202, File No. BP-11250; for construction permits.

*It is ordered*, This 6th day of December 1957, that a pre-hearing conference will be held in the above-entitled proceeding at 10:00 a. m., Monday, December 16, 1957, in the offices of the Commission.

Released: December 9, 1957.

FEDERAL COMMUNICATIONS  
COMMISSION,

[SEAL] MARY JANE MORRIS,  
*Secretary.*

[F. R. Doc. 57-10301; Filed, Dec. 11, 1957;  
8:52 a. m.]

[Docket Nos. 12203-12205; FCC 57M-1233]

HALL BROADCASTING CO., INC., ET AL.

#### ORDER CONTINUING HEARING CONFERENCE

In re applications of Hall Broadcasting Company, Inc., Los Angeles, California, Docket No. 12203, File No. BPH-2175; Hogan Broadcasting Corporation, Long Beach, California, Docket No. 12204, File No. BPH-2180; Richard C. Simonton, Los Angeles, California, Docket No. 12205, File No. BPH-2239; for construction permits FM Channel 274 (102.7 Mc).

The Hearing Examiner has under consideration a request filed December 4, 1957, on behalf of Richard C. Simonton requesting that the date for the exchange of exhibits in the above-entitled

proceeding be continued from December 9, 1957, to December 23, 1957, and that the further pre-hearing conference be continued from December 17, 1957, to a later date.

The reason for the request is the fact that Mr. Simonton's attorney has been ill and he will be unable to meet the schedule presently adopted.

The Hearing Examiner has been advised informally by the other parties to the proceeding that there are no objections to considering the pleading at this time or to granting the requested continuance. Good cause for the requested continuance has been shown.

*It is ordered*, This the 6th day of December 1957, that the request for extension of time within which to exchange exhibits is granted and the date for the exchange of exhibits is continued from December 9, 1957, to and including December 23, 1957, and the date for the further pre-hearing conference is continued from December 17, 1957, to January 15, 1958.

Released: December 9, 1957.

FEDERAL COMMUNICATIONS  
COMMISSION,

[SEAL] MARY JANE MORRIS,  
*Secretary.*

[F. R. Doc. 57-10302; Filed, Dec. 11, 1957;  
8:52 a. m.]

[Docket No. 12250; FCC 57M-1235]

SACRAMENTO TELECASTERS, INC.  
(KBET-TV)

#### NOTICE CONTINUING HEARING CONFERENCE

In re application of Sacramento Telecasters, Inc. (KBET-TV), Sacramento, California, Docket No. 12250, File No. BMPCT-2633; for modification of construction permit.

On the oral request of counsel for Sacramento Telecasters, Inc., and without objection by other counsel the prehearing conference scheduled for December 9 is further continued to Wednesday, December 11, 1957, at 2 p. m., in the offices of the Commission, Washington, D. C.

Dated: December 6, 1957.

Released: December 9, 1957.

FEDERAL COMMUNICATIONS  
COMMISSION,

[SEAL] MARY JANE MORRIS,  
*Secretary.*

[F. R. Doc. 57-10303; Filed, Dec. 11, 1957;  
8:52 a. m.]

[Docket No. 12258-12260; FCC 57-1319]

WABASH VALLEY BROADCASTING CORP. ET AL.

#### ORDER DESIGNATING APPLICATIONS FOR CONSOLIDATED HEARING ON STATED ISSUES

In re applications of Wabash Valley Broadcasting Corporation, Terre Haute, Indiana, Docket No. 12258, File No. BPCT-2293; Cy Blumenthal, Terre Haute, Indiana, Docket No. 12259, File No. BPCT-2316; Illiana Telecasting Corp., Terre Haute, Indiana, Docket No.

12260, File No. BPCT-2392; for construction permits for new television broadcast stations.

At a session of the Federal Communications Commission held at its offices in Washington, D. C., on the 5th day of December 1957;

The Commission having under consideration the above-captioned applications, each requesting a construction permit for a new television broadcast station to operate on Channel 2 in Terre Haute, Indiana; and

It appearing that the above-captioned applications are mutually exclusive in that operation by more than one of the applicants, as proposed, would result in mutually destructive interference; and

It further appearing that pursuant to section 309 (b) of the Communications Act of 1934, as amended, the above-named applicants were advised by letters of the fact that their applications were mutually exclusive, of the necessity for a hearing, and of all objections to their applications, and were given an opportunity to reply; and

It further appearing, that upon due consideration of the above-captioned applications, the amendments thereto and the replies to the above letters, the Commission finds that each of the applicants is legally and financially qualified to construct, own and operate the proposed television broadcast station and is technically so qualified except as to issue "1" below.

*It is ordered*, That pursuant to section 309 (b) of the Communications Act of 1934, as amended, the above-captioned applications of Mr. Cy Blumenthal, Wabash Valley Broadcasting Corporation and Illiana Telecasting Corporation are designated for hearing in a consolidated proceeding, at a time and place to be specified in a subsequent order, upon the following issues:

1. To determine whether the antenna system and site proposed by each of the above-captioned applicants would constitute a hazard to air navigation.

2. To determine on a comparative basis which of the operations proposed in the above-captioned applications would better serve the public interest, convenience and necessity in the light of the record made with respect to the significant differences between the applicants as to:

(a) The background and experience of each having a bearing on its ability to own and operate the proposed television broadcast station.

(b) The proposals of each with respect to the management and operation of the television broadcast station.

(c) The programming service proposed in each of the above-captioned applications.

3. To determine in the light of the evidence adduced pursuant to the foregoing issues, which of the applications, if any, should be granted.

*It is further ordered*, That the issues in the above-entitled proceeding may be enlarged by the Examiner on his own motion or on petition properly filed by a party to the proceeding and upon sufficient allegations of fact in support thereof, by the addition of the following

issue: To determine whether the funds available to the applicants will give reasonable assurance that the proposals set forth in the application will be effectuated.

*It is further ordered*, That to avail themselves of the opportunity to be heard, Cy Blumenthal, Wabash Valley Broadcasting Corporation and Illiana Telecasting Corporation, pursuant to § 1.337 of the Commission's rules, in person or by attorney, shall within 20 days of the mailing of this order file with the Commission, in triplicate, a written appearance stating an intention to appear on the date fixed for the hearing and present evidence on the issues specified in this order.

Released: December 9, 1957.

FEDERAL COMMUNICATIONS  
COMMISSION,

[SEAL] MARY JANE MORRIS,  
Secretary.

[F. R. Doc. 57-10304; Filed, Dec. 11, 1957;  
8:52 a. m.]

[Docket No. 12261; FCC 57-1321]

BAW BEESE BROADCASTERS, INC. (WBSE)

ORDER DESIGNATING APPLICATION FOR  
HEARING ON STATED ISSUES

In re application of Baw Beese Broadcasters, Incorporated (WBSE), Hillsdale, Michigan, Docket No. 12261, File No. BP-10317; for construction permit.

At a session of the Federal Communications Commission held at its offices in Washington, D. C., on the 5th day of December 1957;

The Commission having under consideration the above-captioned application of Baw Beese Broadcasters, Incorporated, for a construction permit to increase the power of Station WBSE, Hillsdale, Michigan (1340 kc, 100 w, U), to 250 watts;

It appearing, that, except as may be indicated from the issues specified below, the applicant is legally, technically, financially and otherwise qualified to operate Station WBSE as proposed, but that the proposed operation would cause interference to Stations WEXL, Royal Oak, Michigan (1340 kc, 250 w, U) and WTRC, Elkhart, Indiana (1340 kc, 250 w, U); that interference from Stations WEXL, WTRC and WLBC, Muncie, Indiana (1340 kc, 250 w, U) would affect more than 10 percent of the population within the normally protected primary service area of the instant proposal in contravention of § 3.28 (c) of the Commission rules; and that a smokestack located near the proposed antenna site might cause distortion of the proposed nondirectional radiation pattern; and

It further appearing that the licensee of Station WTRC, by letter dated January 10, 1957, requested that the instant proposal be designated for hearing on the ground that it would cause objectionable interference to WTRC; and

It further appearing that, pursuant to section 309 (b) of the Communications Act of 1934, as amended, the subject applicant was advised by letter dated April 11, 1957, of the aforementioned deficien-

cies and that the Commission was unable to conclude that a grant of the application would be in the public interest; and

It further appearing that, in an amendment filed on October 14, 1957, the applicant purports to show that the interference which would be caused to Stations WEXL and WTRC would not be extensive and that the interference received from Stations WEXL, WTRC, and WLBC would affect 9.9 percent of the population in its normally protected contour so that the proposed operation would be in compliance with § 3.28 (c) of the Commission rules; describes corrective action which it contemplates in the event adverse effects on the proposed nondirectional antenna pattern occur due to the proximity of the above-mentioned smokestack; and requests a grant of the application without hearing; and

It further appearing that the applicant did not include in its amendment data all of the population within the area affected by the interference received from Stations WEXL, WTRC, and WLBC and that, therefore, the population affected by said interference would be more than 10 percent, in contravention of § 3.28 (c) of the rules; and

It further appearing that the applicant proposes to limit its proposed inverse field strength at one mile to 75 millivolts per meter and that, in the event of a grant of the application in the hearing proceeding provided for below, the construction permit should include a condition that, before program tests are authorized, field intensity measurements shall be submitted to establish that (1) the inverse distance field strength at one mile has been reduced to essentially 75 millivolts per meter as proposed and that (2) the proposed nondirectional radiation pattern has not been seriously distorted due to the presence of a nearby smokestack; and

It further appearing that the Commission, after consideration of the above, is of the opinion that a hearing on this application is necessary;

*It is ordered*, That, pursuant to section 309 (b) of the Communications Act of 1934, as amended, the said application is designated for hearing, at a time and place to be specified in a subsequent order, upon the following issues:

1. To determine the areas and populations which may be expected to gain or lose primary service from the operation of Station WBSE as proposed, and the availability of other primary service to such areas and populations.

2. To determine whether the proposed operation would cause interference to Stations WEXL, Royal Oak, Michigan, and WTRC, Elkhart, Indiana, or any other existing standard broadcast stations, and, if so, the nature and extent thereof, the areas and populations affected thereby, and the availability of other primary service to such areas and populations.

3. To determine whether, because of the interference received, the proposed operation of Station WBSE would comply with § 3.28 (c) of the Commission's rules; and if compliance with § 3.28 (c) is not achieved, whether circumstances exist which would warrant a waiver of said section of the rules.



4. To determine, in the light of the evidence adduced pursuant to the foregoing issues, whether the above-captioned application should be granted.

*It is further ordered*, That the Sparks Broadcasting Co. and the Truth Radio Corporation, licensees of Stations WEXL and WTRC, respectively, are made parties to the proceeding.

*It is further ordered*, That to avail themselves of the opportunity to be heard, the applicant and parties respondent herein, pursuant to § 1.387 of the Commission's rules, in person or by an attorney, shall within 20 days of the mailing of this order, file with the Commission in triplicate, written appearances stating an intention to appear on the date fixed for the hearing and present evidence on the issues specified in this order.

*It is further ordered*, That, in the event of a grant of the above-captioned application in the hearing provided for above, the construction permit shall include the following condition: Before program tests are authorized, sufficient field intensity measurement data shall be submitted to establish that the inverse distance field strength at one mile has been reduced to essentially 75 millivolts per meter as proposed and that the proposed nondirectional radiation pattern has not been seriously distorted due to the presence of a nearby smokestack.

Released: December 9, 1957.

FEDERAL COMMUNICATIONS  
COMMISSION,

[SEAL] MARY JANE MORRIS,  
Secretary.

[F. R. Doc. 57-10305; Filed, Dec. 11, 1957;  
8:53 a. m.]

[Docket No. 12263; FCC 57-1333]

INTERNATIONAL TELECOMMUNICATION  
UNION; RADIO REGULATIONS

FIRST NOTICE OF INQUIRY

In the matter of revision of radio regulations of International Telecommunication Union, Docket No. 12263.

The next Radio Conference of the International Telecommunication Union presently is scheduled to convene in Geneva, Switzerland on July 1, 1959. This will be the first international radio conference since that of Atlantic City in 1947. The 1959 Radio Conference is expected to review all of the Atlantic City Radio Regulations together with the provisions of the Agreement concluded at the Extraordinary Administrative Radio Conference (Geneva, 1951), and to take action on various proposals for the revision of those agreements as well as to consider various new proposals from the member countries of the ITU.

Preparatory work in connection with United States proposals for the 1959 Radio Conference has been under way for some time and Government-Industry Committees under the auspices of the Department of State have been reviewing the existing Radio Regulations and various other subjects expected to arise at the 1959 Radio Conference. Although

much preliminary drafting work has been done, the Commission has not yet taken a final position with respect to any of the proposals being considered. Before taking any action on the proposals to be submitted, the Commission wishes to have the benefit of the views of its licensees and other interested parties. In this connection we wish to emphasize the importance of the matters which will be considered at the forthcoming conference, and the significant effect which changes in the Radio Regulations may have upon Commission licensees and the entire communications industry. In addition to assisting the Commission in establishing a position it will eventually take on these matters, the material received by the Commission in this proceeding will also be made available to the aforementioned preparatory committees which now are functioning under the auspices of the Department of State.

It is anticipated that further notices will be issued by the Commission setting forth the nature of those proposals which the Commission will consider recommending as the position of the United States.

Any interested person is invited to file comments with the Commission concerning this matter on or before January 23, 1958. In accordance with the provisions of § 1.764 of the Commission's rules, and original and fourteen (14) copies of all comments shall be furnished to the Commission.

Adopted: December 5, 1957.

Released: December 9, 1957.

FEDERAL COMMUNICATIONS  
COMMISSION,

[SEAL] MARY JANE MORRIS,  
Secretary.

[F. R. Doc. 57-10306; Filed, Dec. 11, 1957;  
8:53 a. m.]

## FEDERAL POWER COMMISSION

[Docket No. E-6295]

LUZ Y FUERZA DE REYNOSA, S. A. AND  
CENTRAL POWER AND LIGHT CO.

NOTICE OF APPLICATION

DECEMBER 6, 1957.

Take notice that Luz y Fuerza de Reynosa, S. A. (Luz y Fuerza), incorporated under the laws of the Republic of Mexico, with its principal place of business in Reynosa, Tamaulipas, Mexico, joined by Central Power and Light Company (Central), a Texas corporation, with its principal place of business in Corpus Christi, Texas, on November 29, 1957, filed an application for authorization, pursuant to section 202 (e) of the Federal Power Act, for an increase in the amount and rate of electric energy which they are presently authorized to export from the United States to Mexico.

By order issued in the above docket September 1, 1955, Luz y Fuerza and Central were authorized to transmit from the United States to Mexico a maximum of 25,000,000 kilowatt-hours of electric energy per year at a rate not to exceed 5,000 kilowatts. The two parties now

seek authorization to increase to 50,000,000 kwh the maximum amount and to 10,000 kw the maximum rate of electric energy to be exported annually to Tamaulipas, Mexico. Applicants propose to transmit the aforementioned electric energy over the present transmission facilities of Luz y Fuerza which are authorized by its present Presidential Permit, signed by the President of the United States on October 9, 1950, and over additional facilities for which Luz y Fuerza has applied concurrently for an Amendment of its present Permit.

Applicants state that an increase in the number and requirements of users of electric energy has rendered their present authorization to export electric energy inadequate to supply such needs. Applicants further state that Central can transmit the additional electric energy at the increased rate of transmission without diminishing its capacity to meet the demands of its present and prospective customers in the Rio Grande Valley of Texas, and that all of the energy to be exported in excess of a demand of 5,000 kw will be on an interruptible basis.

Any person desiring to be heard or to make any protest with reference to the aforesaid application, should on or before December 27, 1957, file a petition or protest with the Federal Power Commission, Washington 25, D. C., in accordance with the Commission's rules of practice and procedure (18 CFR 1.7, 1.8, or 1.10). The application is on file with the Commission and available for public inspection.

[SEAL] JOSEPH H. GUTRIDE,  
Secretary.

[F. R. Doc. 57-10258; Filed, Dec. 11, 1957;  
8:47 a. m.]

[Docket No. G-11873]

ATLANTIC SEABOARD CORP.

NOTICE OF APPLICATION AND DATE OF  
HEARING

DECEMBER 6, 1957.

Take notice that Atlantic Seaboard Corporation, a Delaware corporation and a subsidiary of The Columbia Gas System, Inc., having its principal place of business at 1700 MacCorkle Avenue SE, Charleston, West Virginia, filed on December 27, 1956, an application, and on July 2, 1957, an amendment thereto (and supplemented by letter of July 10, 1957) for a certificate of public convenience and necessity authorizing it to construct and operate certain transmission facilities, as hereinafter described, subject to the jurisdiction of the Commission, all as more fully set forth in the application, which is on file with the Commission and open for public inspection.

The facilities which Applicant proposes consist of the following:

A. The construction and operation of approximately five and seven-tenths (5.7) miles of 26" gas transmission pipe line, looping approximately 6.3 miles of Applicant's existing 26" gas transmission pipe line, extending in a north-



easterly direction from a point approximately 13.9 miles northeast of Applicant's Seneca compressor station.

B. The installation and operation of an additional 2,000 h.p. gas engine driven compressor unit at Applicant's Cleveland compressor station located in Upshur County, West Virginia.

C. The installation and operation of an additional 2,000 h.p. gas engine driven compressor unit at Applicant's Files Creek compressor station located in Randolph County, West Virginia.

D. The installation and operation of an additional 880 h.p. gas engine driven compressor unit at Applicant's Huff Creek compressor station located in Wyoming County, West Virginia.

E. The construction and operation of an additional measuring and regulating station in Albemarle County, Virginia, for the wholesale sale and delivery of natural gas to Virginia Gas Distribution Corporation for resale.

Applicant estimates its total system peak-day requirements for 1957-1958, will be 765,800 Mcf and it estimates that it will have a deficiency in its transmission capacity of 30,800 Mcf per day. The authority requested herein is proposed to enable Applicant to overcome this deficiency.

Applicant estimates the cost of the proposed construction will be \$2,459,800. Of this amount \$704,800 is for pipeline facilities and \$1,755,000 is for compressor facilities. This construction will be financed by The Columbia Gas System, Inc.

This matter is one that should be disposed of as promptly as possible under the applicable rules and regulations and to that end:

Take further notice that, pursuant to the authority contained in and subject to the jurisdiction conferred upon the Federal Power Commission by sections 7 and 15 of the Natural Gas Act, and the Commission's rules of practice and procedure, a hearing will be held on January 6, 1958, at 9:30 a. m., e. s. t., in a Hearing Room of the Federal Power Commission, 441 G Street NW., Washington, D. C., concerning the matters involved in and the issues presented by such application: *Provided, however*, That the Commission may, after a non-contested hearing, dispose of the proceedings pursuant to the provisions of § 1.30 (c) (1) or (2) of the Commission's rules of practice and procedure. Under the procedure herein provided for, unless otherwise advised, it will be unnecessary for Applicant to appear or be represented at the hearing.

Protests or petitions to intervene may be filed with the Federal Power Commission, Washington 25, D. C., in accordance with the rules of practice and procedure (18 CFR 1.8 or 1.10) on or before December 24, 1957. Failure of any party to appear at and participate in the hearing shall be construed as waiver of and concurrence in omission herein of the intermediate decision procedure in cases where a request therefor is made.

[SEAL] JOSEPH H. GUTRIDE,  
Secretary.

[F. R. Doc. 57-10253; Filed, Dec. 11, 1957; 8:47 a. m.]

[Docket No. G-13664]

SUN OIL CO.

ORDER FOR HEARING AND SUSPENDING  
PROPOSED CHANGES IN RATES

DECEMBER 6, 1957.

In the Order for Hearing and Suspending Proposed Changes in Rates, issued November 8, 1957, and published in the FEDERAL REGISTER on November 19, 1957 (22 F. R. 9241), on the first page, second paragraph, last sentence, the words "Supplements Nos. 3 and 4 to Sun's FPC Gas Rate Schedule No. 55" should be corrected to read "Sun's FPC Gas Rate Schedule No. 87 and Supplement No. 1 thereto;" and on the second page under the paragraph entitled "The Commission finds" and in ordering paragraphs "(B)" and "(C)", the word "Supplements" should be corrected to read "rate schedule and supplement."

[SEAL] JOSEPH H. GUTRIDE,  
Secretary.

[F. R. Doc. 57-10260; Filed, Dec. 11, 1957; 8:47 a. m.]

[Docket No. G-2975 etc.]

SUNRAY MID-CONTINENT OIL CO.

ORDER CONTINUING HEARING

DECEMBER 6, 1957.

Upon consideration of the motion filed November 22, 1957, by Sunray Mid-Continent Oil Company (Applicant), for continuance of the hearing now scheduled for December 16, 1957, in the above designated matters, and the objection thereto by staff counsel;

The Commission finds: Good cause has been shown for postponing the hearing to March 3, 1958, at 10:00 a. m., as requested by Applicant.

The Commission orders: The hearing in these matters be and the same is hereby postponed to March 3, 1958, at 10:00 a. m.

By the Commission.

[SEAL] JOSEPH H. GUTRIDE,  
Secretary.

[F. R. Doc. 57-10261; Filed, Dec. 11, 1957; 8:47 a. m.]

[Docket No. E-6788]

RIO GRANDE ELECTRIC COOPERATIVE, INC.

NOTICE OF APPLICATION

DECEMBER 6, 1957.

Take notice that on November 25, 1957, Rio Grande Electric Cooperative, Inc. (Cooperative), incorporated under the laws of the State of Texas, with its principal place of business at Brackettville, Texas, filed an application for authorization, pursuant to section 202 (e) of the Federal Power Act, to transmit electric energy from the United States to Mexico. The application states that the purchaser of the energy is Bishop Lyle Bailey (Bailey) and that the proposed use of the energy is for crushing and grading of fluorspar and residential use of employees of Bailey in Mexico.

On November 25, 1957, Bailey, an individual doing business as Bailey Fluorspar Company, of Marfa, Texas, filed an application for a permit, pursuant to Executive Order 10485, dated September 3, 1953, for construction, operation, maintenance, or connection, at the borders of the United States, of facilities for the transmission of electric energy between the United States and Mexico, Docket No. E-6789. The application for permit indicates that Bailey will utilize the facilities to transmit from the United States to Mexico the energy purchased from the Cooperative.

The energy will be exported to Boquillas, Mexico, across the Rio Grande from Big Bend National Park in Texas (the point of crossing being located at latitude 29°11'27" and longitude 120°55'50"), by means of a three-wire secondary line (120/240 volts) run across the Rio Grande. The maximum amount of energy to be exported is 200,000 kilowatt-hours per year.

Any person desiring to be heard or to make any protest with reference to the aforementioned application filed pursuant to section 202 (e) of the act should, on or before December 23, 1957, file with the Federal Power Commission, Washington 25, D. C., a petition or protest in accordance with the Commission's rules of practice and procedure (18 CFR 1.8 or 1.10). The application is on file with the Commission and available for public inspection.

[SEAL] JOSEPH H. GUTRIDE,  
Secretary.

[F. R. Doc. 57-10263; Filed, Dec. 11, 1957; 8:47 a. m.]

[Docket No. G-13848]

TEXAS GULF PRODUCING CO. ET AL.

ORDER FOR HEARING AND SUSPENDING  
PROPOSED CHANGE IN RATE

DECEMBER 6, 1957.

Texas Gulf Producing Company, (Operator), et al. (Texas Gulf), on November 8, 1957, tendered for filing a proposed change in its presently effective rate schedule for the sale of natural gas subject to the jurisdiction of the Commission. The proposed change, which constitutes an increased rate and charge, is contained in the following designated filing:

Description: Notice of change, undated.  
Purchaser: United Fuel Gas Company.  
Rate schedule designation: Supplement No. 4 to Texas Gulf's FPC Gas Rate Schedule No. 10.

Effective date: December 9, 1957 (effective date is the first day after expiration of the required thirty days' notice).

In support of the proposed rate increase, Texas Gulf states that the sale is an installment sale over a period of years but could have been bought and paid for on any other basis mutually agreeable to the parties at the time the contract was made, that the contract was determined by arm's-length negotiations and bargaining, that an installment sale was more desirable to both parties because the costs of operating and main-

taining a depleting reserve increase progressively each year and that the purchaser is benefited because of allowable depreciation. Texas Gulf also states that the proposed rate is fair and equitable for the area and believes that similar gas is being sold in the area at rates equal to or in excess of the proposed rate.

The increased rate and charge so proposed has not been shown to be justified, and may be unjust, unreasonable, unduly discriminatory, or preferential, or otherwise unlawful.

The Commission finds: It is necessary and proper in the public interest and to aid in the enforcement of the provisions of the Natural Gas Act that the Commission enter upon a hearing concerning the lawfulness of the said proposed change, and that the above-designated supplement be suspended and the use thereof deferred as hereinafter ordered.

The Commission orders:

(A) Pursuant to the authority of the Natural Gas Act, particularly sections 4 and 15 thereof, the Commission's rules of practice and procedure, and the regulations under the Natural Gas Act (18 CFR Ch. I), a public hearing be held upon a date to be fixed by notice from the Secretary concerning the lawfulness of the proposed increased rate and charge.

(B) Pending such hearing and decision thereon, said supplement be and is hereby suspended and the use thereof deferred until May 9, 1958, and until such further time as it is made effective in the manner prescribed by the Natural Gas Act.

(C) Neither the supplement hereby suspended, nor the rate schedule sought to be altered thereby, shall be changed until this proceeding has been disposed of or until the period of suspension has expired, unless otherwise ordered by the Commission.

(D) Interested State commissions may participate as provided by §§ 1.8 and 1.37 (f) of the Commission's rules of practice and procedure (18 CFR 1.8 and 1.37 (f)).

By the Commission (Commissioners Digby and Kline dissenting).

[SEAL.] JOSEPH H. GUTRIDE,  
Secretary.

[F. R. Doc. 57-10262; Filed, Dec. 11, 1957;  
8:47 a. m.]

[Docket No. G-9277 etc.]

CHAMPLIN OIL & REFINING CO. ET AL.

ORDER CONSOLIDATING PROCEEDINGS FOR LIMITED PURPOSES, FIXING DATE OF HEARING, AND PRESCRIBING ORDER OF PROCEDURE

DECEMBER 6, 1957.

In the matters of Champlin Oil & Refining Company, Docket No. G-9277 and G-9280; Pan American Petroleum Corporation, Continental Oil Company, Docket No. G-9279; Western Natural Gas Company, Docket No. G-9281; The Atlantic Refining Company, Docket Nos. G-9283 and G-9284; Humble Oil & Refining Company, Docket Nos. G-9287 and G-9288; C. V. Lyman, Docket No. G-9289;

Sinclair Oil & Gas Company, Docket Nos. G-9291 and G-9292, et al.; Tidewater Oil Company, Docket No. G-13310, et al.

On August 31, 1955, the Public Service Commission of Tennessee, and others,<sup>1</sup> pursuant to the provisions of sections 5 (a) and 13 of the Natural Gas Act, filed with this Commission complaints with respect to the rates and charges demanded, charged, and collected by, among others,<sup>2</sup> the Respondents in the above-captioned proceedings, for sales of natural gas to Tennessee Gas Transmission Company, subject to the jurisdiction of this Commission.

By orders issued in each of the above-captioned proceedings on January 27, 1956, the Commission, upon its own motion, instituted investigation, pursuant to the provisions of the Natural Gas Act, for the purpose of determining whether with respect to any transportation or sale of natural gas, subject to the jurisdiction of the Commission, respectively made or proposed to be made by each of the Respondents in the proceedings, any of the rates, charges, or classifications demanded, observed, charged, or collected, or any rules, regulations, practices, or contracts affecting such rates, charges, or classifications are unjust, unreasonable, unduly discriminatory, or preferential.<sup>3</sup>

Pursuant to orders of the Commission, partial hearings have been held in each of the following individual proceedings: Docket Nos. G-9277 and G-9280, Champlin Oil & Refining Company (Champlin); Docket No. G-9281, Western Natural Gas Company (Western Natural); Docket Nos. G-9291 and G-9292, et al., Sinclair Oil & Gas Company (Sinclair); and Docket No. G-13310, et al., Tidewater Oil Company (Tidewater). At hearing sessions already held in the Champlin, Western Natural, and Sinclair proceedings, the Commission's staff has presented its direct case respecting cost of service and form and level of rates, and the staff witnesses have been cross-examined on such evidence. In the Tidewater proceedings, the Respondent has presented its direct case, excepting for the evidence proposed to be adduced

in this consolidated proceeding, and its witnesses have been cross-examined; the staff has also presented evidence as to cost of service and form and level of rates. Hearings are scheduled to resume in the Tidewater case on March 18, 1958. Subsequent phases of hearings with respect to the other last-mentioned proceedings will be set by further order or by notice from the Secretary of the Commission.

To aid in expediting and supplementing the investigations hereby consolidated, the Respondents herein entered into a cooperative effort, at the suggestion of the staff, to brief and analyze all independent producer gas rate schedules on file with the Commission, covering all areas in the United States, except the Appalachian area, where coverage would be representative but not complete. The objective of this cooperative effort is to make available, for the purposes of the records in each of the separate proceedings hereby consolidated, evidence as to the rates, charges, terms, and conditions under which sales of natural gas are made in the several producing areas, as reflected in said filed schedules.

We are advised that such rate-schedule data, which obviously have been collected through the expenditure of large amounts of time and effort on the part of the staff and the Respondents, including the expenditure of considerable sums of money by the Respondents, and which should substantially aid in expediting the respective proceedings herein consolidated, are now available for presentation in those proceedings.

Although the staff's presentation respecting cost of service and form and level of rates has not been adduced with respect to the Respondents here involved, other than Champlin, Western Natural, Sinclair, and Tidewater, it is appropriate in the public interest that the filed rate-schedule data now be presented in the proceedings involving those Respondents which sponsored the cooperative study.

To that end, consolidation of the above-captioned proceedings for the purpose of enabling the presentation of the rate-schedule data and such analyses thereof as may be proposed by the staff, the Respondents, or other parties, respectively, together with relevant and material evidence of a general economic and accounting nature, should materially facilitate each of these consolidated proceedings and aid in administration of the Natural Gas Act. The scope of these limited-purpose hearings shall not include evidence relevant only to the cost of service or form and level of rates of any particular Respondent, since such evidence may be properly offered only in the separate proceedings concerning the individual Respondents. When received in evidence in these consolidated proceedings, the rate-schedule data as to rates, charges, terms, and conditions of sales by independent producers, but not including any analyses thereof offered by the staff, the Respondents, or other parties, shall become a part of the separate record in each of the proceedings hereby consolidated, respectively. Other evidence received in these consolidated proceedings, within the limitations

<sup>1</sup> The other complainants are: Knoxville Utilities Board; Cities of Athens, Clarksville, Fayetteville, Gallatin, and Springfield, Tennessee; Chattanooga Gas Company; Cleveland Natural Gas Company; Tennessee Gas Company; and Tullahoma Natural Gas Company, Inc. All of these named complainants, except Tennessee Public Service Commission and Knoxville Utilities Board, purchase gas directly or indirectly from Tennessee Gas Transmission Company for resale for ultimate public consumption.

<sup>2</sup> Other proceedings in which Tennessee Public Service Commission et al. filed complaints are Docket No. G-9278, Alfred C. Glasell, Jr.; Docket No. G-9282, The Altex Corporation; Docket No. G-9285, Ralph E. Fair and Ralph E. Fair, Inc.; Docket No. G-9286, Gillring Oil Company; and Docket No. G-9290, The Nueces Company.

<sup>3</sup> Also by orders issued on January 27, 1956, the Commission instituted investigations into the rates and charges of the other Respondents against which Tennessee Public Service Commission, et al., filed complaints. These Respondents did not participate in the preparation of the market-price data to be presented in these consolidated proceedings.

herein imposed, shall be deemed sponsored by each Respondent or other party and become a part of the record of the case in any of the several proceedings hereby consolidated only to the extent that such Respondent or other party shall expressly announce its sponsorship or adoption of such evidence.

The Commission finds: It is necessary and appropriate in the public interest and in aid of administration of the Natural Gas Act that the proceedings in the caption of this order be consolidated for the limited purposes heretofore stated, and that a hearing be held for such purposes, as hereinafter ordered.

The Commission orders:

(A) Pursuant to the provisions of the Natural Gas Act, particularly sections 4, 5, 14, 15, and 16 thereof, the several proceedings identified in the caption of this order are hereby consolidated for the limited purposes of adducing evidence of the nature and kind hereinbefore described and limited.

(B) A public hearing be held, commencing on January 7, 1958, at 10:00 a. m., e. s. t., in a hearing room of the Federal Power Commission, 441 G Street NW., Washington, D. C., concerning the matters involved in the consolidated phase of these proceedings, as more particularly set forth hereinabove.

(C) At the hearing provided in paragraph (B) above, the sequence and order of procedure shall be as follows:

(i) Basic evidence—but not including analyses or interpretations thereof—as to the rates, charges, terms, and conditions under which sales of natural gas are made in the several producing areas of the United States, as reflected in rate schedules filed with the Commission, shall first be proffered.

(ii) Opportunity shall be afforded to the staff, then to the Respondents, then to other parties, to present analyses or interpretations of such basic rate-schedule data.

(iii) Opportunity shall be afforded to the staff, then to Respondents, then to other parties, to present generally applicable evidence relating to a theory or theories of rate fixing for sales of natural gas by independent producers, subject to the jurisdiction of the Commission, including evidence of a general economic or accounting nature, but excluding evidence applicable only to the cost of service or form and level of rates of any particular and individual Respondent, as hereinbefore described and limited.

(iv) The consolidated phase of the hearing shall then be recessed, to be resumed for (a) cross-examination and (b) rebuttal, pursuant to order of the Examiner designated to preside over the consolidated phase of the hearings in these proceedings: *Provided, however*, That nothing in this order shall be construed as fixing or limiting the date upon which hearings shall be commenced or resumed in any of the separate proceedings concerning the rates and charges of the individual Respondents hereinbefore mentioned or as fixing the order of procedure in any such proceeding.

(D) Parties which have been heretofore or which may hereafter be permitted to intervene in any of the pro-

ceedings designated in the caption of this order may participate in the consolidated phase of the hearings herein ordered to the same extent as they have been or may be authorized to participate in the respective separate and individual proceedings.

(E) The record made in the consolidated phase of these proceedings shall be certified by the Presiding Examiner therein to the Secretary of the Commission and shall be made a part of the record in each of the respective and several proceedings to the extent provided in paragraphs (F) and (G) below.

(F) The portion of the so-certified record reflecting and showing basic rate-schedule data as to rates, charges, terms, and conditions of sales by independent producers shall be made a part of the record in each of the respective and several proceedings identified in the caption of this order: *Provided, however*, That the evidence to be so made a part of the record in individual proceedings pursuant to this paragraph shall not include any analyses or interpretations of such basic rate-schedule data.

(G) Portions of the so-certified record other than that first referred to in paragraph (F) above shall be made a part of the record in the respective and several proceedings to the extent—and only to such extent—that the Respondent or other party to the individual proceeding, or the staff, shall expressly and specifically announce its sponsorship or adoption of such evidence: *Provided, however*, That nothing in this paragraph or in paragraph (F) above shall preclude the receipt in evidence in the record of the respective and several proceedings hereby consolidated, pursuant to § 1.26 of the Commission's rules of practice and procedure, of other additional portions of the record made in this consolidated phase of the proceedings.

By the Commission.

[SEAL] JOSEPH H. GUTRIDE,  
Secretary.

[F. R. Doc. 57-10264; Filed, Dec. 11, 1957;  
8:48 a. m.]

[Docket No. G-13843]

TEXAS GAS PRODUCTS CORP. ET AL.

ORDER FOR HEARING AND SUSPENDING  
PROPOSED CHANGE IN RATES

DECEMBER 6, 1957.

Texas Gas Products Corporation (Operator), et al. (Texas Gas), on November 7, 1957, tendered for filing a proposed change in its presently effective rate schedule for sales of natural gas subject to the jurisdiction of the Commission. The proposed change, which constitutes an increased rate and charge, is contained in the following designated filing:

Description: Notice of change, dated November 4, 1957.

Purchaser: El Paso Natural Gas Company.  
Rate schedule designation: Supplement No. 9 to Texas Gas' FPC Gas Rate Schedule No. 1.

Effective date: January 1, 1958 (effective date is the effective date proposed by Texas Gas).

Texas Gas relies upon the contract provision in support of its proposed periodic rate increase.

The increased rate and charge so proposed has not been shown to be justified, and may be unjust, unreasonable, unduly discriminatory, or preferential, or otherwise unlawful.

The Commission finds: It is necessary and proper in the public interest and to aid in the enforcement of the provisions of the Natural Gas Act that the Commission enter upon a hearing concerning the lawfulness of the said proposed change, and that Supplement No. 9 to Texas Gas' FPC Gas Rate Schedule No. 1 be suspended only insofar as it proposes a periodic increase due January 1, 1958, and the use thereof deferred as hereinafter ordered.

The Commission orders:

(A) Pursuant to the authority of the Natural Gas Act, particularly sections 4 and 15 thereof, the Commission's rules of practice and procedure, and the regulations under the Natural Gas Act (18 CFR Ch. I), a public hearing be held upon a date to be fixed by notice from the Secretary concerning the lawfulness of the proposed increased rate and charge contained in Supplement No. 9 to Texas Gas' FPC Gas Rate Schedule No. 1.

(B) Pending such hearing and decision thereon, said supplement be suspended (only insofar as it proposes a periodic increase due January 1, 1958) and the use thereof deferred until June 1, 1958, and until such further time as it is made effective in the manner prescribed by the Natural Gas Act.

(C) Neither the supplement hereby suspended, nor the rate schedule sought to be altered thereby, shall be changed until this proceeding has been disposed of or until the period of suspension has expired, unless otherwise ordered by the Commission.

(D) Interested State commissions may participate as provided by §§ 1.8 and 1.37 (f) of the Commission's rules of practice and procedure (18 CFR 1.8 and 1.37 (f)).

By the Commission (Commissioners Digby and Kline dissenting).

[SEAL] JOSEPH H. GUTRIDE,  
Secretary.

[F. R. Doc. 57-10265; Filed, Dec. 11, 1957;  
8:48 a. m.]

[Docket No. G-13850]

HANLEY CO. ET-AL.

ORDER FOR HEARING AND SUSPENDING  
PROPOSED CHANGE IN RATES

DECEMBER 6, 1957.

Hanley Company, et al., (Hanley) on November 8, 1957, tendered for filing a proposed change in its presently effective rate schedule for sales of natural gas subject to the jurisdiction of the Commission. The proposed change, which constitutes an increased rate and charge, is contained in the following designated filing:

Description: Notice of change, undated.

Purchaser: El Paso Natural Gas Company.

Rate schedule designation: Supplement No. 5 to Hanley's FPC Gas Rate Schedule No. 19. Effective date: December 8, 1957 (effective date is the first day after expiration of the required thirty days' notice, or from the date the increase becomes operative under the terms of the contract, whichever date is later).

In support of the proposed rate increase, Hanley states that the contract was entered into in good faith as a result of arm's-length negotiations; that the pricing provisions were necessary as a protection against increasing costs and market fluctuation over the term of the contract, and the proposed prices do not exceed the current market price in the field where produced and are necessary to allow an adequate return on the investment.

Hanley has not furnished sufficient information to establish the date upon which the terms of the basic contract providing for such increase become operative, hence the alternate suspension date.

The increased rate and charge so proposed has not been shown to be justified, and may be unjust, unreasonable, unduly discriminatory, or preferential, or otherwise unlawful.

**The Commission finds:**

(1) Good cause exists that Hanley make an early submission of a statement as to the date service commenced under its contract.

(2) It is necessary and proper in the public interest and to aid in the enforcement of the provisions of the Natural Gas Act that the Commission enter upon a hearing concerning the lawfulness of the said proposed change, and that Supplement No. 5 to Hanley's FPC Gas Rate Schedule No. 19 be suspended and the use thereof deferred as hereinafter ordered.

**The Commission orders:**

(A) Hanley to submit, within 15 days from the date of issuance hereof, a statement as to the date service commenced under its contract.

(B) Pursuant to the authority of the Natural Gas Act, particularly sections 4 and 15 thereof, the Commission's rules of practice and procedure, and the regulations under the Natural Gas Act (18 CFR Ch. I), a public hearing be held upon a date to be fixed by notice from the Secretary concerning the lawfulness of the proposed increased rate and charge contained in Supplement No. 5 to Hanley's FPC Gas Rate Schedule No. 19.

(C) Pending such hearing and decision thereon, said supplement be and it is hereby suspended and the use thereof deferred until May 8, 1958, or, if later, until such date that is five months after the date that the escalation provision of the schedule becomes operative to permit the proposed increased rate, and until such further time as it is made effective in the manner prescribed by the Natural Gas Act.

(D) Neither the supplement hereby suspended, nor the rate schedule sought to be altered thereby, shall be changed until this proceeding has been disposed of or until the period of suspension has expired, unless otherwise ordered by the Commission.

(E) Interested State commissions may participate as provided by §§ 1.8 and 1.37

(f) of the Commission's rules of practice and procedure (18 CFR 1.8 and 1.37 (f)).

By the Commission (Commissioners Digby and Kline dissenting).

[SEAL]

JOSEPH H. GUTRIDE,  
Secretary.

[F. R. Doc. 57-10266; Filed Dec. 11, 1957;  
8:48 a. m.]

[Docket No. G-13851]

HANLEY CO.

ORDER FOR HEARING AND SUSPENDING  
PROPOSED CHANGE IN RATES

DECEMBER 6, 1957.

Hanley Company (Hanley), on November 7, 1957, tendered for filing a proposed change in its presently effective rate schedule for sales of natural gas subject to the jurisdiction of the Commission. The proposed change, which constitutes an increased rate and charge, is contained in the following designated filing:

Description: Notice of change, undated.

Purchaser: El Paso Natural Gas Company.

Rate schedule designation: Supplement No. 3 to Hanley's FPC Gas Rate Schedule No. 18.

Effective date: December 7, 1957 (effective date is the first day after expiration of the required thirty days' notice, or from the date the increase becomes operative under the terms of the contract, whichever date is later).

In support of the proposed rate increase, Hanley states that the contract was entered into in good faith as a result of arm's-length negotiations; that the pricing provisions were necessary as a protection against increasing costs and market fluctuation over the term of the contract, and the proposed prices do not exceed the current market price in the field where produced and are necessary to allow an adequate return on the investment.

Hanley has not furnished sufficient information to establish the date upon which the terms of the basic contract providing for such increase become operative, hence the alternate suspension date.

The increased rate and charge so proposed has not been shown to be justified, and may be unjust, unreasonable, unduly discriminatory, or preferential, or otherwise unlawful.

**The Commission finds:**

(1) Good cause exists that Hanley make an early submission of a statement as to the date service commenced under its contract.

(2) It is necessary and proper in the public interest and to aid in the enforcement of the provisions of the Natural Gas Act that the Commission enter upon a hearing concerning the lawfulness of the said proposed change, and that Supplement No. 3 to Hanley's FPC Gas Rate Schedule No. 18 be suspended and the use thereof deferred as hereinafter ordered.

**The Commission orders:**

(A) Hanley to submit, within 15 days from the date of issuance hereof, a statement as to the date service commenced under its contract.

(B) Pursuant to the authority of the Natural Gas Act, particularly sections 4 and 15 thereof, the Commission's rules of practice and procedure, and the regulations under the Natural Gas Act (18 CFR Ch. I), a public hearing be held upon a date to be fixed by notice from the Secretary concerning the lawfulness of the proposed increased rate and charge contained in Supplement No. 3 to Hanley's FPC Gas Rate Schedule No. 18.

(C) Pending such hearing and decision thereon, said supplement be and it is hereby suspended and the use thereof deferred until May 7, 1958, or, if later, until such date that is five months after the date that the escalation provision of the schedule becomes operative to permit the proposed increased rate, and until such further time as it is made effective in the manner prescribed by the Natural Gas Act.

(D) Neither the supplement hereby suspended, nor the rate schedule sought to be altered thereby, shall be changed until this proceeding has been disposed of or until the period of suspension has expired, unless otherwise ordered by the Commission.

(E) Interested State commissions may participate as provided by §§ 1.8 and 1.37 (f) of the Commission's rules of practice and procedure (18 CFR 1.8 and 1.37 (f)).

By the Commission (Commissioners Digby and Kline dissenting).

[SEAL]

JOSEPH H. GUTRIDE,  
Secretary.

[F. R. Doc. 57-10267; Filed, Dec. 11, 1957;  
8:48 a. m.]

## SECURITIES AND EXCHANGE COMMISSION

[File No. 24FW-1115]

UNIVERSAL OIL RECOVERY CORP.

NOTICE OF AND ORDER FOR HEARING

DECEMBER 6, 1957.

Universal Oil Recovery Corporation (Universal), a Delaware corporation, 30 North La Salle Street, Chicago 2, Illinois, filed with the Commission on October 3, 1957, a notification on Form 1-A and an offering circular relating to an offering of 12,500 shares of its no par value common stock at \$10 per share for an aggregate of \$125,000, for the purpose of obtaining an exemption from the registration requirements of the Securities Act of 1933, as amended, pursuant to the provisions of section 3 (b) thereof and Regulation A promulgated thereunder;

The Commission on November 13, 1957 issued an order pursuant to Rule 261 of the general rules and regulations under the Securities Act of 1933, as amended, temporarily suspending the conditional exemption under Regulation A and affording to any person having an interest therein an opportunity to request a hearing pursuant to Rule 261. A written request for a hearing was received by the Commission.

The Commission deeming it necessary and appropriate to determine whether to vacate the temporary suspension order or to enter an order permanently suspending the exemption,

It is hereby ordered, That a hearing, under the applicable provisions of the Securities Act of 1933, as amended, and the rules of the Commission, be held on December 16, 1957, at 10 a. m., e. s. t., at the offices of the Securities and Exchange Commission, 425 Second Street NW., Washington, D. C., with respect to the following matters and questions without prejudice, however, to the specification of additional issues which may be presented in these proceedings:

A. Whether the terms and conditions of Regulation A have not been complied with, in that:

1. Item 9 of the notification fails adequately to describe transactions involving the original issuance of shares to the promoters, an apparent subsequent reclassification of shares by charter amendment, exchange of reclassified shares for the previously outstanding shares, and the transfer of 15,000 shares of the promoters' personally owned stock in satisfaction of loans to them aggregating \$15,000, and exemptions from registration relied upon in connection with such transactions; and

2. The exhibit filed pursuant to Item 11 (a) fails to cover rights attaching to the securities being offered with respect to the nonassessable character of the shares, rights to dividends and upon liquidation and voting rights.

B. Whether the offering circular contains untrue statements of material facts and omits to state material facts necessary in order to make the statements made, in the light of the circumstances under which they are made, not misleading, particularly with respect to:

1. The failure to disclose expenses of the offering to be borne by Universal;

2. The failure to disclose Universal's transactions with its predecessor by which Universal's properties will be acquired and the considerations to be paid by Universal therefor;

3. The failure to disclose the sale by the promoters of 15,000 shares of their personally owned stock to a group of friends and relatives at the price of \$1 per share in satisfaction of a loan of \$15,000 previously made to the promoters by such persons, whereas public investors are required to pay \$10 per share for any shares purchased by them;

4. The failure to disclose whether or not any arrangements have been or will be made to return the funds of purchasers in the event all shares being offered are not sold;

5. The failure to disclose that the offering price of \$10 per share, which public investors are required to pay for such shares as they may purchase, is arbitrarily fixed and bears no relationship to the company's present operations and properties, or interests in properties;

6. The cash balance as shown on the Statement of Assets in that it does not reconcile with the difference between cash receipts and cash disbursements;

7. The failure to include the names and addresses of the underwriters of the proposed offering and letters of consent from such underwriters, consenting to being named in the offering circular;

8. The failure to state that \$750,000 worth of oil over and above royalty, de-

velopment costs and operating and overhead charges must be produced in order for a purchaser of the stock being offered to effect the return of his investment;

9. The failure to disclose that a very small portion of the 360 acres involved has apparently ever yielded any oil through primary methods;

10. The failure to include an adequate detailed map which would show the location of all productive wells and all dry holes on the acreage which Universal has under option as well as on the entire area contiguous thereto within a distance of half a mile in every direction from the outer limits of Universal's acreage;

11. The failure to disclose that the fact that such a small portion of the acreage yielded oil through primary production methods renders even more remote the possibility that the leases involved would ever be susceptible to successful waterflooding; and

12. The failure to disclose that not all leases which have produced under primary methods are, by any means, susceptible to successful waterflooding.

C. Whether the order dated November 13, 1957, temporarily suspending the exemption under Regulation A should be vacated or made permanent.

It is further ordered, That Arthur Leff, or any officer or officers of the Commission designated by it for that purpose, shall preside at the hearing, and any officer or officers so designated to preside at any such hearing are hereby authorized to exercise all of the powers granted to the Commission under sections 19 (b), 21 and 22 (c) of the Securities Act of 1933, as amended, and to hearing officers under the Commission's rules of practice.

It is further ordered, That the Secretary of the Commission shall serve a copy of this order by registered mail on Universal Oil Recovery Corporation, 30 North La Salle Street, Chicago 2, Illinois; that notice of the entering of this order shall be given to all other persons by general release of the Commission and by publication in the FEDERAL REGISTER. Any person who desires to be heard or otherwise wishes to participate in such hearing shall file with the Secretary of the Commission on or before December 12, 1957, a request relative thereto as provided in Rule XVII of the Commission's rules of practice.

By the Commission.

[SEAL]

ORVAL L. DuBOIS,  
Secretary.

[F. R. Doc. 57-10270; Filed, Dec. 11, 1957;  
8:48 a. m.]

[File No. 70-3640]

AMERICAN NATURAL GAS PRODUCTION  
CO. ET AL.

NOTICE REGARDING PROPOSED ISSUE AND SALE  
OF COMMON STOCK BY NEWLY CREATED  
SUBSIDIARY COMPANY AND ACQUISITION  
THEREOF BY PARENT COMPANY

DECEMBER 6, 1957.

In the matter of American Natural Gas  
Production Company, American Louisi-

ana Pipe Line Company, American Natural Gas Company, File No. 70-3640.

Notice is hereby given that American Natural Gas Company ("American Natural"), a registered holding company, and its subsidiary companies, American Louisiana Pipe Line Company ("American Louisiana") and American Natural Gas Production Company ("Production Company"), have filed with this Commission a joint application-declaration pursuant to the Public Utility Holding Company Act of 1935 ("act") and have designated sections 6 (b), 9 (a), 10 and 12 (f) of the act and Rule U-43 promulgated thereunder as applicable to the proposed transactions.

All interested persons are referred to the joint application-declaration on file in the office of this Commission for a statement of the transactions therein proposed, which are summarized as follows:

Production Company was recently organized for the purpose of exploring for sources of gas and acquiring and operating gas production properties designed to augment the American Natural system's gas supply. It proposes to issue and sell and American Natural proposes to acquire, for cash, 50,000 shares of Production Company's authorized but unissued \$100 par value common stock. The common stock to be sold constitutes all of Production Company's capital stock and the price per share will be \$100, making a proposed total investment by American Natural of \$5,000,000. The initial acquisition by American Natural will be 20,000 shares and the remaining 30,000 shares will be acquired from time to time over a three-year period.

American Louisiana has an exploration and production staff and has acquired a small amount of office and transportation equipment, maps and map supplies, and non productive mineral leases with an aggregate book value of \$50,000 which represents the cost of such assets to American Louisiana. It is proposing to transfer such assets to Production Company for cash at cost.

The fees and expenses to be incurred in connection with the proposed transactions are estimated at \$9,000, including \$1,800 for counsel fee and \$1,000 for services of American Natural Gas Service Company, an affiliated service company rendering services at cost.

The joint application-declaration states that no State commission or Federal commission, other than this Commission, has jurisdiction over the proposed transactions.

Notice is further given that any interested person may, not later than December 23, 1957, at 5:30 p. m., request in writing that a hearing be held in respect of such matters, stating the nature of his interest, the reasons for such request, and the issues of fact or law which he desires to controvert, or he may request that he be notified if the Commission orders a hearing thereon. Any such request should be addressed: Secretary, Securities and Exchange Commission, Washington 25, D. C. At any time after said date the Commission may grant and permit to become effective the joint ap-



plication-declaration, as filed or as it may be hereafter amended, pursuant to Rule U-23 promulgated under the act, or the Commission may exempt the proposed transactions pursuant to Rules U-20 (a) and U-100, or take such other action as it may deem appropriate.

By the Commission.

[SEAL] ORVAL L. DuBOIS,  
Secretary.

[F. R. Doc. 57-10271; Filed, Dec. 11, 1957;  
8:48 a. m.]

## INTERSTATE COMMERCE COMMISSION

[Notice 3]

### APPLICATIONS FOR CONVERSION BY MOTOR CONTRACT CARRIERS

DECEMBER 6, 1957.

The following proceedings are governed by the Interstate Commerce Commission's special rules of practice, published in the FEDERAL REGISTER on November 13, 1957, Volume 22, FEDERAL REGISTER, page 9015, concerning notice of proceedings upon application of a holder of motor contract carrier authority, under section 212 (c) of the Interstate Commerce Act, for the revocation of motor contract carrier authority issued on or before August 22, 1957, and the issuance in lieu thereof of a certificate of public convenience and necessity (49 CFR 1.242). A proceeding to determine the status of the carriers' operations has been instituted under section 212 (c).

Protests may be filed with the Commission within 30 days after the date notice of the proceedings is published in the FEDERAL REGISTER. If oral hearing is desired the protest must so indicate.

The authority set out in the pertinent permits upon which a determination is sought, has, in most instances, been summarized.

#### MOTOR CARRIERS OF PROPERTY

No. MC 623 (Sub No. 19), filed October 21, 1957, H. MESSICK, INC., Duquesne and Newman Roads, P. O. Box 214, Joplin, Mo. For authority to operate as a *common carrier* of the same commodities between the same points or within the same territory as authorized in the following permits:

No. MC 623, dated August 2, 1954.

*Class A and B explosives*, over irregular routes, from points in Jasper County, Mo., to points in Montana, restricted against the transportation of such traffic for or under contract with the U. S. Government, between the plant site of the Hercules Powder Company, located about five miles southwest of Carthage, Mo., and the plant site of the Hercules Powder Company, located about two miles west of Webb City, Mo., on the one hand, and, on the other, Collinsville, Ill., and Hobbs, N. Mex., and points in Arkansas, Kansas, Missouri, Oklahoma, Texas, Iowa, Nebraska, and Louisiana, between points in Jasper County, Mo., and Turck, Kans., on the one hand, and, on the other, points in Illinois, Michigan, Wis-

consin, Minnesota, North Dakota, and South Dakota, from the plant site of the Hercules Powder Company about five miles southwest of Carthage, Mo., and from the site of a Hercules Powder Company explosives magazine about two miles west of Webb City, Mo., to the site of an explosives magazine about five miles east of Tatum, N. Mex.

No. MC 623 (Sub No. 12), dated November 5, 1956.

*Blasting agents, and blasting supplies and materials*, from points in Jasper County, Mo., to points in Montana, from the plant site of the Hercules Powder Company, located about five miles southwest of Carthage, Mo., and the plant site of the Hercules Powder Company, located about two miles west of Webb City, Mo., to Collinsville, Ill., and Hobbs, N. Mex., and points in Arkansas, Kansas, Missouri, Oklahoma, Texas, Iowa, Nebraska, and Louisiana, from points in Jasper County, Mo., and Turck, Kans., to points in Illinois, Michigan, Wisconsin, Minnesota, North Dakota, and South Dakota; from the plant site of the Hercules Powder Company about five miles southwest of Carthage, Mo., and the site of the Hercules Powder Company explosive magazine about two miles west of Webb City, Mo., to the site of an explosive magazine about five miles east of Tatum, N. Mex., subject to a restriction.

No. MC 623 (Sub No. 16), dated April 23, 1957.

*Class A explosives*, from the site of the Hercules Powder Company plant near Ishpeming, Mich., to points in Lea and Eddy Counties, N. Mex.; and *returned shipments of Class A explosives*, on return.

No. MC 1194 (Sub No. 1) filed October 21, 1957, ANDREW G. NELSON, INC., 3659 South Normal Avenue, Chicago 9, Ill. For authority to operate as a *common carrier* of the same commodities between the same points or within the same territory as authorized in the following permit:

No. MC 1194, dated June 18, 1951.

*New and used store fixtures, new and used household goods, and stock in trade of drug stores*, over irregular routes, between points in Illinois, Indiana, Iowa, Kentucky, Michigan, Minnesota, Missouri, Nebraska, Ohio, and Wisconsin.

No. MC 2592 (Sub No. 2), filed October 23, 1957, D. A. BROWN, doing business as BROWN MOTOR LINES AND STORAGE COMPANY, 309 Hampton Avenue, Greenville, S. C. For authority to operate as a *common carrier* of the same commodities between the same points or within the same territory as authorized in the following permit:

No. MC 2592 dated February 18, 1941.

*Lard, lard compounds or substitutes, cooking and salad oils, salad dressing, and sandwich spreads*, over regular routes, from Atlanta, Ga., to Greenville, S. C., serving the intermediate and off-route points of Anderson, Greenwood and Seneca, S. C., for delivery only.

No. MC 4021 (Sub No. 1) filed October 23, 1957, GEORGE J. HOLT, GEORGE J. HOLT, JR., EXECUTOR, doing business as HOLT DRAYAGE, 429 South Seventh Street, St. Louis 2, Mo. For authority to operate as a *common carrier*

of the same commodities between the same points or within the same territory as authorized in the following permit:

No. MC 4021, dated May 20, 1941.

*Groceries, canned goods, paper and paper products*, over irregular routes, between points in the St. Louis, Mo., Commercial Zone, as defined by the Commission, on the one hand, and, on the other, Belleville and Alton, Ill.

No. MC 5363 (Sub No. 1) filed October 21, 1957, JAMES H. ALSTON, doing business as ALSTON TRUCK SERVICE, 301 Glaser Avenue, Pittsburgh 2, Pa. Applicant's attorney: Arthur J. Diskin, 810 Frick Building, Pittsburgh 19, Pa. For authority to operate as a *common carrier*, of the same commodities between the same points or within the same territory as authorized in the following permit:

No. MC 5363, dated June 15, 1951.

*Iron and steel*, not including manufactured products thereof, over irregular routes, between McKees Rocks, Pa., on the one hand, and, on the other, points in that part of West Virginia north of U. S. Highway 50, that part of Ohio south and east of a line beginning at the Ohio-Pennsylvania State line near Sharon, Pa., and extending in a westerly direction along Ohio Highway 82 to Warren, Ohio, thence in a southerly direction along Ohio Highway 45 to Salem, Ohio, thence along Ohio Highway 9 to junction Ohio Highway 148, and thence in an easterly direction along Ohio Highway 148 to the Ohio River, including points on the indicated portions of the highways specified.

No. MC 5648 (Sub No. 18) filed October 22, 1957, P. E. KRAMME, INC., Monroeville, N. J. Applicant's attorney: Robert H. Shertz, 811 Lewis Tower Bldg., 225 South 15th Street, Philadelphia 2, Pa. For authority to operate as a *common carrier* of the same commodities between the same points or within the same territory as authorized in the following permits:

No. MC 5648, dated February 24, 1941.

*Tetra-ethyl lead, anti-knock compounds, dyes, chemicals, and articles and material used in connection with tetra-ethyl lead, anti-knock compounds, dyes, and chemicals*, from Carneys Point and Deepwater Point, N. J., to Providence, R. I., Baltimore, Md., Norfolk, Va., points in New York, New Jersey, and Pennsylvania, those in New Castle County, Del., those in Ohio east of U. S. Highway 21, those in West Virginia west and north of a line beginning at the West Virginia-Pennsylvania State line and extending along U. S. Highway 19 to Gauley Bridge, W. Va., thence along U. S. Highway 60 to the Ohio River, and those in Massachusetts east and south of a line beginning at the Massachusetts-Connecticut State line and extending along Massachusetts-New Hampshire State line, including points on the indicated portions of the highways specified, and *empty containers* for tetra-ethyl lead, anti-knock compounds, dyes, and chemicals, on return. *Ethylene di-bromide*, from Baltimore, Md., Marcus Hook, and Philadelphia, Pa., and points and places in the New York, N. Y., Commercial Zone, to



Carneys Point and Deepwater Point, N. J.

No. MC 5648 (Sub No. 1) dated July 6, 1953.

*Liquid chocolate, liquid chocolate coatings, liquid chocolate liquor, liquid cocoa butter, and liquid vegetable oil coatings*, in bulk, in tank vehicles, from Lititz, Pa., to Chicago, Ill., *Condensed milk*, in bulk, in tank vehicles, from Mechanicsburg, Pa., to Sharptown, N. J.

No. MC 5648 (Sub No. 2) dated September 22, 1953.

*Liquid chocolate and chocolate coating, liquid chocolate liquor, liquid cocoa butter, and liquid vegetable oil coating*, in bulk, in tank vehicles, from New York, N. Y., and Newark, N. J., to Philadelphia, Pittsburgh, Altoona, Reading, Lancaster, and Hershey, Pa.; from Elizabethtown, Hershey, and Lititz, Pa., New York, N. Y., and Mansfield and Boston, Mass., to Naugatuck, Conn.; from Mansfield, Mass., to Altoona, Pa.; from Boston and Mansfield, Mass., Newark, N. J., and Lititz and Mount Joy, Pa., to New York, N. Y.; from Philadelphia, Pa., to Naugatuck, Conn., Bryan, Ohio, and New York, N. Y.; from Boston, Mass., to Pittsburgh, Pa.; from Lititz, Pa., to Newark, N. J., and New York, N. Y.

No. MC 11294 (Sub No. 7) filed October 21, 1957, INDUSTRIAL CITY LINES, INC., 814 North Third Street, St. Joseph, Mo. Applicant's attorney: Louis Krantz, Krug Bldg., 714 Francis Street, St. Joseph 7, Mo. For authority to operate as a common carrier of the same commodities between the same points or within the same territory as authorized in the following permit:

No. MC 11294, dated December 15, 1953.

*Fresh fruits and vegetables*, over regular routes, from Troy, Kans., to St. Joseph, Mo., serving the intermediate points of Blair and Wathena, Kans., restricted to pick-up only.

*Lumber, sand, coal, building materials and empty fruit baskets*, from St. Joseph, Mo., to Troy, Kans., serving the intermediate points of Blair and Wathena, Kans., restricted to delivery only.

*Fresh fruits and vegetables*, from Wathena, Kans., to Kansas City, Mo., serving the intermediate points of Blair and Troy, Kans., restricted to pick-up only.

*Chemicals used in spraying, and spraying materials*, from Kansas City, Mo., to Wathena, Kans., serving the intermediate points of Blair and Troy, Kans., restricted to delivery only.

*Beer and cereal beverages*, over regular and irregular routes, between St. Joseph, Mo., and Fall City, Nebr., and thence over irregular routes to Beatrice, Grand Island, Hastings, Kearney, Lincoln, McCook, Milligan, North Platte, Omaha, Pawnee City, Tecumseh, and Wymore, Nebr., and empty beer and cereal beverage containers, from the above-specified Nebraska points over irregular routes to Fall City, thence over the above-specified regular route to St. Joseph.

*Fresh fruits and vegetables* over irregular routes, from Kansas City and St. Joseph, Mo., and Troy, Blair, and Wathena, Kans., to Wymore, Beatrice,

Tecumseh, Milligan, Pawnee City, Kearney, Grand Island, Hastings, and Omaha, Nebr.

*Malt beverages*, from Omaha, Nebr., to St. Joseph, Mo.

From St. Joseph, Mo., to points in Iowa, Nebraska, and Kansas.

From St. Joseph and Kansas City, Mo., to points in South Dakota, Colorado, Wyoming, Arkansas, and Minnesota.

*Beer*, from St. Joseph, Mo., to points in Oklahoma, Iowa, and Illinois, and empty beer containers on return.

*Hardware, wagons, saddlery, and glassware*, between St. Joseph, Mo., on the one hand, and, on the other, points in Kansas, Illinois, and Oklahoma.

No. MC 13095 (Sub No. 5), filed November 4, 1957, WUNNICKE TRANSPORT LINES, INC., Boscobel, Wis. Applicant's attorney: John T. Porter, 708 First National Bank Building, Madison 3, Wis. For authority to operate as a common carrier of the same commodities between the same points or within the same territory as authorized in the following permit:

No. MC 13095, dated May 19, 1953.

*Malt beverages*, from St. Paul, Minn., to points in Crawford, Grant, Richland, and Iowa Counties, Wis., empty malt beverage containers, on return.

*Canned goods*, from points in Brown, Calumet, Manitowoc, Sheboygan, Fond du Lac, Dodge, Columbia, and Green Lake Counties, Wis., to Dubuque, Iowa, and East Dubuque, Ill.

*Apples*, from Gays Mills, Wis., and points within six miles thereof, to points in North Dakota, South Dakota, Minnesota, Iowa, and Illinois.

*Grain, feed, salt, seed, and agricultural commodities*, between points in Wisconsin south and west of a line beginning at La Crosse, Wis., and extending along U. S. Highway 16 to junction Wisconsin Highway 13, thence along Wisconsin Highway 13 to Beloit, Wis., those points in Illinois north of U. S. Highway 6, and those points in Iowa north and east of a line beginning at Davenport, Iowa, and extending along U. S. Highway 6 to Des Moines, Iowa, thence along U. S. Highway 69 to the Iowa-Minnesota State line, including points on the indicated portions of the highways specified.

*Such merchandise as is dealt in by retail grocery and food business houses, and in connection therewith, equipment, materials, and supplies used in the conduct of such business*, subject to a keystone restriction, from Clinton, Davenport, and Dubuque, Iowa, and Freeport and Chicago, Ill., to Boscobel, Soldiers Grove, Dodgeville, Fennimore, and Spring Green, Wis.

*Such merchandise as is dealt in by wholesale, retail, and chain grocery and food business houses, and in connection therewith, equipment, materials, and supplies used in the conduct of such business*, subject to a keystone restriction, from Dubuque, Iowa, and Milwaukee, Wis., to points in Wisconsin south and west of a line beginning at La Crosse, Wis., and extending along U. S. Highway 16 to Wisconsin Dells, Wis., thence along Wisconsin Highway 13 to Beloit, Wis., including points on the indicated

portions of the highways specified, between points in the Wisconsin territory described immediately above.

*Creamery and cheese factory supplies and cheeses*, subject to a keystone restriction, between Boscobel, Wis., and points in Wisconsin within 35 miles of Boscobel, on the one hand, and, on the other, Sterling, Freeport, Dixon, and Chicago, Ill., and Beaver Dam, Green Bay, Merrill, Sheboygan, Wisconsin Rapids, De Pere, Loyal, Milwaukee, Superior, Fond du Lac, Marshfield, Plymouth, and Monroe, Wis., between Sterling, Freeport, Dixon, and Chicago, Ill., and points on that portion of U. S. Highway 18 between Clear Lake, Iowa, and the Iowa-Wisconsin State line, including Clear Lake, on the one hand, and, on the other, Beaver Dam, Green Bay, Merrill, Sheboygan, Wisconsin Rapids, De Pere, Loyal, Milwaukee, Superior, Fond du Lac, Marshfield, Plymouth, and Monroe, Wis., from points on that portion of U. S. Highway 18 between Clear Lake, Iowa, and the Iowa-Wisconsin State line, including Clear Lake, to Sterling, Freeport, Dixon, and Chicago, Ill., and Boscobel, Wis., and points in Wisconsin within 35 miles of Boscobel.

No. MC 13706 (Sub No. 13), filed October 28, 1957, C. E. DANIELSON, doing business as SERVICE OIL COMPANY, 2126 Cuming Street, Omaha, Nebr. For authority to operate as a common carrier of the same commodities between the same points or within the same territory as authorized in the following permits:

No. MC 13706, dated December 20, 1943.

*Petroleum products*, in bulk, from refining and distributing points in Kansas to Fairfax, Mound City, Rockport, Tarkio, Westboro, and Maryville, Mo., Missouri Valley, Afton, and Red Oak, Iowa, and points in Iowa within 50 miles of Red Oak, Iowa.

No. MC 13706 (Sub No. 12), dated December 11, 1947.

*Petroleum products*, in bulk, in tank trucks, from Carter Lake, Iowa, and Omaha, Nebr., and points within 10 miles of each, to points in Iowa on and west of a line extending from the Missouri-Iowa State line along U. S. Highway 65 to Des Moines, Iowa, and thence along U. S. Highway 69 to the Iowa-Minnesota State line.

No. MC 15348 (Sub No. 8) filed November 4, 1957, NEBRASKA MOTOR TRANSPORT, INC., 1121 Mason Street, Omaha, Nebr. Applicant's attorney: R. E. Pwell, 1005-06 Trust Building, Lincoln, Nebr. For authority to operate as a common carrier of the same commodities between the same points or within the same territory as authorized in the following permits:

No. MC 15348, dated April 22, 1952.

*Butter, eggs* (including frozen and dried eggs), and *dressed poultry*, from Omaha, Nebr., to Chicago, Ill.

*Dairy products, dairy by-products, and manufactured or prepared food products and advertising material used in, or incidental to, the sale thereof*, from Chicago, Freeport, Libertyville, and Joliet, Ill., to Scottsbluff, Grand Island, Kearney, Hastings, North Platte, Fremont, Norfolk, Columbus, Crawford, Mc-

Cook, Beatrice, Nebraska City, Omaha, and Lincoln, Nebr., and Sioux City, Iowa. *Returned or rejected shipments of the above-specified commodities, from the above-specified destination points to Chicago, Freeport, and Joliet, Ill., and Omaha, Nebr.*

*Empty containers and rejected or returned shipments of the above-specified commodities, from above-specified destination points to Libertyville, Ill.*

No. MC 15348 (Sub No. 7), dated April 22, 1952.

*Dressed poultry, eggs (including fresh, frozen, and desiccated eggs), and ice cream manufacturer's equipment and supplies, dairy products, equipment and supplies, agricultural implements and parts, and twine, over specified regular routes between Omaha, Nebr., and Dodge City, and Council Grove, Kans., serving the intermediate and off-route points of Waverly, Lincoln, Seward, and Grand Island, Nebr., and Concordia, Kans.; between Omaha, Nebr., and Alliance and Crete, Nebr., serving the intermediate point of Lincoln, Nebr.; between Omaha, Nebr., and Sioux City, Iowa, serving the intermediate points of Council Bluffs and Mapleton, Iowa; between Omaha, Nebr., and Chicago, Ill., serving the intermediate points of Council Bluffs, Iowa, and Rock Island, Moline, East Moline, and Canton, Ill.; between Omaha, Nebr., and Green Bay, Wis., serving the intermediate and off-route points of Council Bluffs, Iowa, Rock Island, Moline, East Moline, and Rock Falls, Ill., and Milwaukee, and Plymouth, Wis.; between Sioux City, Iowa, and Chilton, Wis., serving the intermediate point of Fond du Lac, Wis., for dairy products, equipment and supplies, only; between Beloit, Wis., and Waupun, Wis., serving no intermediate points; between Chicago, Ill., and Milwaukee, Wis., serving no intermediate points.*

No. MC 19287 (Sub No. 1) filed October 22, 1957, CLOVER EXPRESS INCORPORATED OF NEW YORK, 550 Duncan Avenue, Jersey City, N. J. Applicant's representative: Bert Collins, 140 Cedar Street, New York 6, N. Y. For authority to operate as a *common carrier* of the same commodities between the same points or within the same territory as authorized in the following permit:

No. MC 19287, dated October 31, 1951.

*Such merchandise as is dealt in by wholesale and retail grocery houses, subject to a "Keystone" restriction, between points in Bergen, Hudson, Essex, Passaic, Union, Middlesex, Morris, and Somerset Counties, N. J., on the one hand, and, on the other, New York, N. Y., and points in Westchester, Nassau, and Suffolk Counties, N. Y.*

No. MC 43657 (Sub No. 22) filed October 21, 1957, DETAR DISTRIBUTING COMPANY, INC., 6900 South Shields, Box 60, Route 7, Oklahoma City, Okla. For authority to operate as a *common carrier* of the same commodities between the same points or within the same territory as authorized in the following permits:

No. MC 43657, dated October 14, 1947.

*Dangerous explosives, except nitroglycerine, between Joplin, Mo., and*

*points within fifteen miles of Joplin and Columbus, and Turck, Kans., on the one hand, and, on the other, Oklahoma City, Okla., and points within ten miles of Oklahoma City; from Oklahoma City, Okla., and points within ten miles of Oklahoma City, to points in Arkansas, Kansas, Oklahoma, and Texas.*

*Blasting powders and supplies and dangerous explosives, between points in Oklahoma, except from Oklahoma City, Okla., and points within 10 miles of Oklahoma City to points in Oklahoma.*

No. MC 43657 (Sub No. 2), dated May 6, 1944.

*Dangerous explosives, except nitroglycerine, from Atlas, Mo., to Alexandria, La., Dallas and Houston, Tex., and points in Oklahoma; and from Alexandria, La., to points in Bowie, Marion, Panola, Shelby, Nacogdoches, Angelina, Sabine, Newton, Tyler, and Jasper Counties, Tex.*

No. MC 43657 (Sub No. 19), dated May 26, 1949.

*Explosives, except nitroglycerine, between Joplin, Mo., and points in Missouri within 15 miles of Joplin, on the one hand, and, on the other, points and places in New Mexico; between points in Kansas, Louisiana, Mississippi, and New Mexico.*

No. MC 44070 (Sub No. 2) filed October 22, 1957, NICK BURSICK, doing business as BURSICK BROS., 1739 Main Street, Pittsburgh 15, Pa. For authority to operate as a *common carrier* of the same commodities between the same points or within the same territory as authorized in the following permit:

No. MC 44070, dated August 11, 1944.

*Such merchandise as is dealt in by wholesale, retail, and chain grocery and food business houses, and in connection therewith equipment, materials and supplies used in the conduct of such business, subject to a "Keystone" restriction, over irregular routes, between points in Ohio, Pennsylvania, and West Virginia, within the territory bounded by a line beginning at St. Marys, W. Va., and extending southwesterly through Pennsylvania, Glenville, and Gassaway to Richwood, W. Va., east to Marlinton, W. Va., thence northeasterly to Petersburg, W. Va., thence northwesterly to Thomas, W. Va., thence north through Confluence, Ligonier, Yatesboro and New Bethlehem to Clarion, Pa., excluding points in Maryland, thence northwesterly to Shippenville, Pa., thence southwesterly through Emlenton and Beaver Falls to Midland, Pa., thence west to East Liverpool, Ohio, thence southwesterly through Wellsville and Cadiz to Barnesville, Ohio, and thence south to St. Marys, W. Va.*

No. MC 50348 (Sub No. 4), filed October 21, 1957, ROY HOLWICK, 645 Vesper Street, Topeka, Kans. For authority to operate as a *common carrier* of the same commodities between the same points or within the same territory as authorized in the following permit:

No. MC 50348, dated July 26, 1955.

*Building stone and heavy construction machinery and equipment, between points in Kansas and Nebraska, and between Kansas City and St. Joseph, Mo., on the one hand, and, on the other, points in Kansas and Nebraska.*

No. MC 58985 (Sub No. 3), filed October 21, 1957, HENRY G. NELSEN, Avoca, Iowa. Applicant's attorney: Joseph M. Scanlan, 111 West Washington Street, Chicago 2, Ill. For authority to operate as a *common carrier* of the same commodities between the same points or within the same territory as authorized in the following permit:

No. MC 58985, dated July 25, 1951.

*Twine, farm machinery, farm implements and parts, from Chicago, Canton, Rock Island, Rock Falls, and Moline, Ill., to points in that part of Iowa on and west of Iowa Highway 25 from Scranton, Iowa, to the Iowa-Missouri State line, on and south of a line extending in a westerly direction along U. S. Highway 30 from Scranton to Denison, Iowa, thence along Iowa Highway 141 to Ute, Iowa, thence along Iowa Highway 183 to Soldier, Iowa, thence along Iowa Highway 37 to Onawa, Iowa, and thence along Iowa Highway 165 to the eastern shore of the Missouri River.*

*Packing-house products and materials, supplies, and equipment used in the conduct of such business, subject to a keystone restriction, between Omaha, Nebr., on the one hand, and, on the other, Davenport, Iowa, Joliet, Elgin, Rockford, and Chicago, Ill., and East Chicago, Ind.*

*Packing-house products and materials and supplies used in the conduct of such business, and lard and shortening, lard compound and substitutes, cheese, butter, eggs, dressed poultry, soap, soap powder, washing compound soda and alkali products, and oleomargarine, between Sioux City, Iowa, Chicago, Ill., and East Chicago, Ind.*

No. MC 59590 (Sub No. 8), filed October 24, 1957, CLIPPER TRANSPORTATION COMPANY, a corporation, 56 McAdoo Avenue, Jersey City, N. J. Applicant's representative: George A. Olsen, 69 Tonnele Avenue, Jersey City 6, N. J. For authority to operate as a *common carrier* of the same commodities between the same points or within the same territory as authorized in the following permits:

No. MC 59590, dated October 31, 1949.

*Building materials, over irregular routes, from Kearny, N. J., to points in Connecticut, Delaware, Maryland, Massachusetts, New York, Pennsylvania, and Rhode Island, within 200 miles of Kearny.*

*Building materials, paint, and such materials as are used in the manufacture of paint, over irregular routes, from Newark and Delaware, N. J., to Boston, Mass., and points in Connecticut, Delaware, Maryland, Massachusetts, New York, Pennsylvania, and Rhode Island, within 200 miles of Newark; from New York, N. Y., to points in New Jersey and Pennsylvania.*

No. MC 59590 (Sub No. 6), dated October 20, 1949.

*Reinforced concrete planks, over irregular routes, from Jersey City, N. J., to points in Pennsylvania, New York, and Connecticut within 200 miles of Jersey City.*

No. MC 67123 (Sub No. 1), filed October 21, 1957, JACK H. HALL, 9 Buckhanon Street, Westover, W. Va. For authority to operate as a *common carrier* of the same commodities between the

same points or within the same territory as authorized in the following permit:

No. MC 67123, dated January 31, 1942.

*Coal*, over irregular routes, from points in Monongalia County, W. Va., to Nona, W. Va. Between points in Monongalia County, W. Va., on the one hand, and, on the other points in Fayette and Greene Counties, Pa.

*Mining machinery, supplies and equipment*, between points in Monongalia County, W. Va., on the one hand, and, on the other, points in that part of Ohio east of U. S. Highway 23, and that part of Pennsylvania, west of U. S. Highway 219, including points on the indicated portions of the highways specified.

No. MC 77055 (Sub No. 4), filed October 22, 1957, DART TRANSIT COMPANY, a corporation, 2245 Charles Avenue, St. Paul 14, Minn. For authority to operate as a *common carrier* of the same commodities between the same points or within the same territory as authorized in the following permits:

No. MC 77055, dated February 7, 1942.

*Packing-house and dairy products, equipment, material and supplies*, over irregular routes, from St. Paul, South St. Paul, and Minneapolis, Minn., to Mason City, Iowa, La Crosse, and Ashland, Wis., Fargo and Grand Forks, N. Dak., and Aberdeen, S. Dak.; from Fargo and West Fargo, N. Dak., to St. Paul, South St. Paul, and Minneapolis, Minn.; from points in the Chicago, Ill., Comm. Zone, to Aberdeen, S. Dak., Bemidji, Duluth, Mankato, Austin, and Winona, Minn., Ashland, and La Crosse, Wis.; Ironwood, Mich., Mason City, Iowa, and Grand Forks, N. Dak.; from Albert Lea, Minn., to Wausau, Superior, Green Bay, Manitowoc, Plymouth, Sheboygan, Racine, Kenosha, and Milwaukee, Wis., Grand Rapids, Minn., Chicago, Ill., Grand Forks, N. Dak., and Sioux City, Iowa; between Mankato, Minn., and Dubuque, Iowa; between St. Paul, South St. Paul, and Minneapolis, Minn., on the one hand, and, on the other, Sioux City, Iowa, Kansas City, St. Joseph and South St. Joseph, Mo., and Kansas City, Kans.; between Fargo, N. Dak., on the one hand, and, on the other, Duluth, Minn.; between points in the Chicago Comm. Zone, on the one hand, and, on the other, Minneapolis, Minnesota Transfer, St. Paul, South St. Paul, and Newport, Minn., Fond du Lac, Abbottsford, Green Bay, Kenosha, Madison, Milwaukee, Oshkosh, Racine, Waukesha, and Wausau, Wis., Sioux City, Iowa, and Fargo and West Fargo, N. Dak.; between points in the Chicago Comm. Zone, Rockford, Ill., Sioux City, Iowa, and Milwaukee, Wis., on the one hand, and, on the other, Detroit Lakes, Marshall, Waseca, Montevideo, Sauk Center, and Breckenridge, Minn.

*Dairy products, equipment, supplies and material*, from Albert Lea, Mankato, Fairmont, Owatonna, Faribault, and Pipestone, Minn., to points in the Chicago Comm. Zone, Waukegan, Ill., and Racine, Milwaukee, Madison, Stoughton, and Kenosha, Wis.

*Canned goods and canning factory supplies*, between points in Minnesota, on the one hand, and, on the other, Omaha, Nebr., Ironwood, Marquette,

and Iron Mountain, Mich., and points in Wisconsin, Illinois, Iowa, Kansas, Missouri, North Dakota, South Dakota, and Montana.

No. MC 77055 (Sub No. 1), dated March 26, 1952.

*Glass containers, and caps, covers, and tops therefor*, over irregular routes, from Alton and Streator, Ill., to points in Minnesota.

No. MC 78028 (Sub No. 7) filed October 21, 1957, BEAVER TRANSPORT CO., a Corporation, First and West South Streets, Beaver Dam, Wis. For authority to operate as a *common carrier* of the same commodities between the same points or within the same territory as authorized in the following permits:

No. MC 78028, dated January 22, 1957.

*Prepared food products, dairy products and by-products, materials, supplies, and equipment* used or useful in the preparation, packing, and sale of these commodities, and *household goods*, between points in Wisconsin, on the one hand, and, on the other, points in Minnesota, Illinois, and Indiana.

*Canned food and material, supplies, and equipment* used in the manufacture of canned food, between Beaver Dam, Wis., and points within 75 miles of Beaver Dam, on the one hand, and, on the other, points in Minnesota, Illinois, and Indiana.

*Fresh meats and packing-house products and by-products*, from South St. Paul, Minn., to points in Dodge, Jefferson, Waukesha, and Washington Counties, Wis.

*Malt beverages*, from Chicago, Ill., to Janesville and Fond du Lac, Wis., and points in that part of Wisconsin north and west of a line beginning at Marinette, Wis., and extending along the west shore of Green Bay to Green Bay, Wis., thence along U. S. Highway 41 to Oshkosh, Wis., thence along Wisconsin Highway 26 to junction U. S. Highway 151, thence along U. S. Highway 151 to Madison, Wis., and thence along Wisconsin Highway 13 to the Wisconsin Illinois State line, including points on the indicated portions of the highways specified; and from Manitowoc, Wis., to Chicago, Ill., and *empty malt beverage containers* on return.

No. MC 78028 (Sub No. 6) dated September 27, 1956.

*Malt beverages*, from Chicago, Ill., to Sheboygan and Juneau, Wis., and *empty malt beverage containers* on return.

No. MC 96098 (Sub No. 20) filed October 22, 1957, H. H. FOLLMER CONTRACT HAULING, INC., P. O. Box 389, Milton, Pa. Applicant's attorney: Christian V. Graf, 11 North Front Street, Harrisburg, Pa. For authority to operate as a *common carrier* of the same commodities between the same points or within the same territory as authorized in the following permits:

No. MC 96098, dated January 16, 1952.

*Chemicals, chemical products, and constituents*, used in the manufacture of processing of paper products, over irregular routes, from Marcus Hook, Pa., and Claymont, Del., to Lock Haven, Castanea, and Johnsonburg, Pa.

No. MC 96098 (Sub No. 1), dated January 16, 1952.

*Tapioca flour*, in truckload lots, from Philadelphia, Pa., to Lock Haven, Castanea, and Johnsonburg, Pa.

No. MC 96098 (Sub No. 4), dated January 16, 1952.

*Petroleum and petroleum products and asphalt*, all in containers, from Claymont, Del., to Bellefonte, Bloomsburg, Lock Haven, Lewistown, Milton, Sunbury, and Williamsport, Pa.

*Composition and prepared roofing, asphalt shingles, and roofing materials*, from Edge Moor, Del., to the above-specified destination points.

No. MC 96098 (Sub No. 8), dated November 13, 1950.

*Prepared food products*, from Ilton, Pa., to points in New York, New Jersey, Maryland, Delaware, Ohio, Virginia, West Virginia, and the District of Columbia, within 350 miles of Milton.

*Such merchandise as is dealt in by food canning and processing plants*, and in connection therewith, *equipment, materials, and supplies used in the conduct of such business*, subject to a "Keystone" restriction, from points and places in the above-specified states within 350 miles of Milton, to Milton, Pa.

No. MC 96098 (Sub No. 10), dated January 16, 1952.

*Petroleum and petroleum products, anti-freeze, and asphalt*, all in containers, from Bayonne, N. J., to Bellefonte, Bloomsburg, Lewistown, Lock Haven, Milton, Sunbury, and Williamsport, Pa., and *empty containers*, for the above specified commodities, from the above-specified destination points to Bayonne, N. J.

No. MC 96098 (Sub No. 11), dated November 7, 1950.

*Composition and prepared roofing, asphalt shingles and roofing materials*, from Edge Moor, Del., to Huntingdon, Tyrone, State College, and Clearfield, Pa.

No. MC 100662 (Sub No. 8) filed October 22, 1957, KENNETH K. ZECHMAN AND HARRY E. ZECHMAN, a Partnership, doing business as BLUE DIAMOND COMPANY, 4401 East Fairmont Avenue, Baltimore 24, Md. For authority to operate as a *common carrier* of the same commodities between the same points or within the same territory as authorized in the following permits:

No. MC 100662, dated June 13, 1951.

*Fertilizer and fertilizer materials*, from Baltimore, Md., to Wilmington, Del., and the District of Columbia, and points in Pennsylvania and Virginia within 200 miles of Baltimore, subject to the following conditions: service shall be conducted separately from the said carrier's other activities; a separate accounting system therefor shall be maintained; and said carrier shall not transport property as both a contract carrier and a private carrier at the same time in the same vehicle.

No. MC 100662 (Sub No. 2), dated January 12, 1953.

*Sulphur*, in bulk, from Baltimore, Md., to Alexandria, Va.

*Sodium silica fluoride*, in bulk, from Alexandria, Va., to Baltimore, Md., subject to the same restrictions set forth above.

No. MC 100662 (Sub No. 3), dated January 2, 1953.

*Wire cloth*, from York, Pa., to points in New York, New Jersey, Ohio, Maryland, Virginia, West Virginia, and the District of Columbia.

*Bronze and copper wire*, from Perth Amboy, N. J., to York, Pa.

*Steel wire*, from Buffalo, N. Y., to York, Pa.

*Fertilizer*, from Baltimore, Md., to points in that part of New York on and west of New York Highway 14.

No. MC 100662 (Sub No. 7), dated July 30, 1954.

*Silica fluorides* (except sodium silica fluoride), in bulk, from Alexandria, Va., to Baltimore, Md.

NOTE: Applicant is authorized to conduct operations as a common carrier in Certificate No. MC 113106 (Sub No. 2) dated April 12, 1957.

No. MC 101126 (Sub No. 86) filed October 31, 1957, STILLPASS TRANSIT COMPANY, INC., 4967 Spring Grove Avenue, Cincinnati 32, Ohio. For authority to operate as a common carrier of the same commodities between the same points or within the same territory as authorized in the following permits:

No. MC 101126, dated June 10, 1949.

*Petroleum products*, in bulk, in tank trucks, over irregular routes, from Cincinnati, Ohio, and Louisville, Ky., to points in Indiana and Ohio within 150 miles of Cincinnati; from Cincinnati, Ohio, to Covington and Newport, Ky.

No. MC 101126 (Sub No. 3), dated July 6, 1948.

*Soya bean oil*, in bulk, in tank trucks, between Decatur and Gibson City, Ill., Louisville, Ky., and Lafayette, Decatur, Windfall, and Wabash, Ind., on the one hand, and, on the other, points in Hamilton County, Ohio.

No. MC 101126 (Sub No. 6), dated February 20, 1940.

*Soya bean oil*, in bulk, in tank vehicles, from Bloomington, Cairo, Champaign, Chicago, Galesburg, Kankakee, Mascoutah, Monmouth, Nashville, Pana, Peoria, Quincy, Roanoke, Rock Falls, Springfield, and Virden, Ill., and Bunker Hill, Danville, Frankfort, Marion, and Portland, Ind., to points in Hamilton County, Ohio.

No. MC 101126 (Sub No. 11), dated January 5, 1954.

*Sulphuric acid*, in bulk, in tank vehicles, from points in Greenup County, Ky., to points in the Cincinnati, Ohio, Commercial Zone and to the site of the Procter & Gamble Company's plant located at or near Venice, Ohio.

No. MC 101126 (Sub No. 12), dated December 30, 1953.

*Soybean oil*, in bulk, in tank vehicles, from Ipava, Norris City, and Taylorville, Ill., to Cincinnati, Ohio.

No. MC 101126 (Sub No. 19), dated October 22, 1952.

*Tallow and grease*, in bulk, in tank vehicles, from points in Illinois to points in Hamilton County, Ohio; from points in Hamilton County, Ohio, to Chicago, Ill.

No. MC 101126 (Sub No. 20), dated August 29, 1956.

*Animal and vegetable oils and fats*, in bulk, in tank vehicles, from Cincinnati, Ohio to Detroit, Mich., Louisville, Ky., Dunkirk and Buffalo, N. Y., Knoxville,

Tenn., Orangeburg and Greenville, S. C., Charlotte, N. C., Portsmouth and Richmond, Va., Baltimore, Md., and New York, N. Y.

*Sulphuric acid*, in bulk, in tank vehicles, from Wurtland, Ky., Indianapolis, Ind., Joliet, Streator, and La Salle, Ill., to Cincinnati, Ohio.

*Paints, varnishes, lacquers, and solvents*, used in conjunction with said commodities, in bulk, in tank vehicles, from Cincinnati, Ohio to Chicago, Ill., Fairfield, Ala., Milwaukee, Wis., Newark and Elizabeth, N. J.

*Petroleum coolant and lubricity additives*, in bulk, in tank vehicles, from Cincinnati, Ohio to New York, N. Y., Philadelphia, Pa., Newark and Camden, N. J., Chicago, Ill., Detroit, Mich., and St. Louis, Mo.

*Partially refined petroleum*, in bulk, in tank vehicles, from Freedom, Pa., to Cincinnati, Ohio.

No. MC 101126 (Sub No. 24), dated November 27, 1953.

*Vegetable oils and cotton seed oil*, in bulk, in tank vehicles, between the site of the manufacturing plant of Mrs. Tucker's Foods, Division of Anderson Clayton Company, near Jacksonville, Ill., on the one hand, and, on the other, points in Arkansas, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, Ohio, Tennessee, and Wisconsin.

No. MC 101126 (Sub No. 27), dated March 22, 1956.

*Sulphuric acid*, in bulk, in tank vehicles, from Hamilton, Ohio, to Louisville, Ky., Jeffersonville, and New Albany, Ind.

No. MC 101126 (Sub No. 28), dated November 2, 1955.

*Shortening*, in bulk, in tank vehicles, from St. Bernard, Ohio, to Chicago, Ill.

No. MC 101126 (Sub No. 30), dated May 18, 1956.

*Silica gel catalyst*, in bulk, in hopper vehicles, from Cincinnati, Ohio, to points in Illinois, Indiana, Michigan, and Kentucky; from Michigan City, Ind., to points in Illinois, Michigan, Kentucky, and Ohio.

No. MC 101126 (Sub No. 41), dated October 2, 1956.

*Liquid sulphate of alumina*, in bulk, in tank vehicles, from Hamilton, Ohio, to Fort Thomas, Ky.

No. MC 101126 (Sub No. 43), dated October 2, 1956.

*Liquid ethanalamides*, in bulk, in tank vehicles, from St. Bernard, Ohio, to Chicago, Ill.

No. MC 101126 (Sub No. 50), dated January 4, 1957.

*Tallow and grease*, in bulk, in tank vehicles, from Butler, Ky., to Cincinnati, Ohio.

No. MC 101126 (Sub No. 51), dated December 5, 1956.

*Vegetable oils and vegetable oil products*, in bulk, in tank vehicles, from St. Bernard, Ohio, to Pittsburgh, Pa.; and empty containers, on return.

No. MC 101126 (Sub No. 52), dated February 19, 1957.

*Asphalt additive*, in bulk, in tank vehicles, from Reading, Ohio, to Morehead City, N. C., and Jacksonville, Fla.

No. MC 101126 (Sub No. 53), dated May 22, 1957.

*Acid esters of animal oils*, in bulk, in tank vehicles, from St. Bernard, Ohio, to East St. Louis, Ill.

*Animal fatty acid*, in bulk, in tank vehicles, from St. Bernard, Ohio, to Decatur, Ind.

*Fatty acids of vegetable oil, animal greases and plasticizers*, in bulk, in tank vehicles, from St. Bernard, Ohio, to Chicago, Ill.

*Fatty acids from fish or sea animal oil*, in bulk, in tank vehicles, from Wyandotte, Mich., to St. Bernard, Ohio.

*Silicate of soda*, in bulk, in tank vehicles, from Cincinnati, Ohio, to Pine Ridge and Olive Hill, Ky.

*Red oil from animal fats*, in bulk, in tank vehicles, from St. Bernard, Ohio, to Midland, Mich.

*Soybean oil*, in bulk, in tank vehicles, from Danville, Ill., to St. Bernard, Ohio.

*Vegetable fatty acid and resin plasticizers*, in bulk, in tank vehicles, from St. Bernard, Ohio, to Mishawaka, Ind.

*Glycerine*, in bulk, in tank vehicles, from Ivorydale, Ohio, to Indianapolis, Ind.

*Liquid paints and varnishes*, in bulk, in tank vehicles, from Cincinnati, Ohio, to Zelienople, Pa.

No. MC 101126 (Sub No. 55), dated December 31, 1956.

*Sulphuric acid*, in bulk, in tank vehicles, from Columbia Park, Ohio, to Newport and Wilders, Ky.

No. MC 102138 (Sub No. 28) filed October 21, 1957, REFINERS TRANSPORT, INC., 412 Illinois Building, Indianapolis 4, Ind. For authority to operate as a common carrier of the same commodities between the same points or within the same territory as authorized in the following permits:

No. MC 102138, dated July 21, 1941.

*Petroleum products*, from Robinson, Ill., to points in that part of Indiana on and south of U. S. Highway 24.

No. MC 102138 (Sub No. 9), dated February 5, 1947.

*Petroleum products*, in bulk, in tank trucks, from Mt. Vernon, Ind., to points in Gallatin, Hardin, Saline, Wabash, and White Counties, Ill.; and rejected shipments, on return.

No. MC 102138 (Sub No. 10), dated January 12, 1949.

*Petroleum products*, in bulk, in tank trucks, from the pipe line terminal site in Vigo County, Ind., located approximately two miles north of Terre Haute, Ind., to points in Vermillion, Champaign, Douglas, Edgar, Clark, Cumberland, Effingham, Jasper, Crawford, Richland, Lawrence, Wayne, Edwards, Wabash, Coles, and Clay Counties, Ill.

No. MC 102138 (Sub No. 16), dated February 28, 1951.

*Petroleum products*, in bulk, in tank vehicles, from Pana, Ill., to points in that part of Indiana bounded by a line beginning at the Indiana-Illinois State line, and extending along U. S. Highway 24 to Peru, Ind., thence along U. S. Highway 31 to its junction with U. S. Highway 50, (east of Seymour, Ind.), thence along U. S. Highway 50 to the Indiana-Illinois State line, and thence along the Indiana-Illinois State line to the point of beginning, including points on the indicated portions of the highways specified.

No. MC 102138 (Sub No. 18), dated March 23, 1953.

*Liquid asphalt*, in bulk, in tank vehicles, from Lawrenceville, Ill., to points in Indiana.

No. MC 102744 (Sub No. 8), filed October 21, 1957, GLENN D. TOWERS, doing business as GLENN TOWERS TRUCKING SERVICE, 1 Second Street, Des Moines, Iowa. Applicant's attorney: William A. Landau, 1307 East Walnut Street, Des Moines 16, Iowa. For authority to operate as a *common carrier* of the same commodities between the same points or within the same territory as authorized in the following permits:

No. MC 102744 (Sub No. 2), dated December 27, 1945.

*Such commodities as are dealt in by wholesale, retail and chain grocery and food business houses, and, in connection therewith, equipment, materials and supplies* used in the conduct of such business, from Chicago and Alton, Ill., Anderson, Curtisville, Elwood, Greenfield, Greenwood, Indianapolis, Kokomo, Peru, Saint Paul, Tipton, and Whiteland, Ind., Blue Earth, Lakeland, and Le Sueur, Minn., Astico, Beaver Dam, Bloomer, Brandon, Cassville, Clear Lake, Cobb, Cumberland, Duck Creek, Frederic, Gillett, Green Bay, Hustisford, Lady-smith, Marshfield, Milltown, Mineral Point, Oconto, Onalaska, Prairie du Chien, and Plymouth, Wis., to Des Moines, Iowa.

No. MC 102744 (Sub No. 3), dated June 5, 1950.

*Such merchandise as is dealt in by wholesale, retail, and chain grocery and food business houses, and in connection therewith, materials, equipment, and supplies, used in the conduct of such business, subject to a keystone restriction, between Columbus, Fremont, and Omaha, Nebr., points in Iowa, and those in that part of Illinois bounded by a line beginning at the Mississippi River, and extending along Illinois Highway 10 to Macomb, Ill., thence along U. S. Highway 67 to the Mississippi River, and thence along the Mississippi River to the point of beginning.*

No. MC 103392 (Sub No. 13) filed October 23, 1957, ONLEY REFRIGERATED TRANSPORTATION, INC., 345 West 14th Street, New York 14, N. Y. Applicant's representative: George A. Olsen, 69 Tonnele Avenue, Jersey City 6, N. J. For authority to operate as a *common carrier* of the same commodities between the same points or within the same territory as authorized in the following permits:

No. MC 103392, dated March 24, 1952.

*Sea foods, fruits and vegetables, and poultry*, dressed or cold packed, from Boston and Gloucester, Mass., Baltimore, Crisfield, and Fruitland, Md., and Exmore and Winchester, Va., to Altoona and Pittsburgh, Pa.

No. MC 103392 (Sub No. 2), dated March 24, 1952.

*Frozen sea foods, frozen poultry, frozen fruit, frozen vegetables and frozen meat*, between Altoona, Pa., on the one hand, and, on the other, points in New York and New Jersey in the New York, N. Y., Commercial Zone and those in that part of New Jersey on, south, and

east of U. S. Highway 1, except those in Middlesex County, N. J.; from Altoona, Pa., to Boston, Mass.

*Frozen foods*, between Altoona, Pa., on the one hand, and, on the other, points in Rhode Island, Connecticut, Massachusetts, Delaware, Virginia, Maryland, West Virginia, Ohio, Indiana, Missouri, Kentucky, Tennessee, Illinois, Michigan, North Carolina, Iowa, New Jersey, except points in Bergen, Essex, Hudson, Hunterdon, Middlesex, Morris, Passaic, Somerset, Sussex, Union, and Warren Counties, N. J., and New York, except points in Dutchess, Nassau, Putnam, Suffolk, Westchester, Kings, Queens, Richmond, New York, and Bronx Counties, N. Y.

No. MC 103392 (Sub No. 3), dated March 24, 1952.

*Glass tubing and flare cups*, between Altoona, Pa., and Corning, N. Y.

No. MC 103392 (Sub No. 6), dated March 24, 1952.

*Plaster board, lime, and cement*, from Genoa, Ohio and Oakfield, N. Y., to Altoona, Pa.

No. MC 103392 (Sub No. 7), dated March 24, 1952.

*Frozen sea foods*, from points in Maryland, Massachusetts, and Virginia, to points in Pennsylvania.

*Fresh oyster, clams, and scallops*, from points in Maryland, Massachusetts, and New York, (except points in Dutchess, Nassau, Putnam, Suffolk, Westchester, Kings, Queens, Richmond, New York, and Bronx Counties, N. Y.) to points in Pennsylvania.

*Poultry*, dressed, fresh or frozen, from points in Delaware, Virginia and West Virginia to points in Pennsylvania.

*Meat*, fresh or frozen, from points in Iowa and Illinois to points in Pennsylvania.

*Butter, cheese, and oleomargarine*, from points in Illinois, Indiana, New York, (except points in Dutchess, Nassau, Putnam, Suffolk, Westchester, Kings, Queens, Richmond, New York, and Bronx Counties, N. Y.) and Ohio, to points in Pennsylvania.

No. MC 103392 (Sub No. 9), dated March 24, 1952.

*Stationery and paper or pulpboard school supplies*, from Huntingdon, Pa., to Bridgeport, Hartford, Meriden, New Haven, Norwalk, Stamford, and Waterbury, Conn.; Chicago and Peoria, Ill.; Fort Wayne and Indianapolis, Ind.; Boston, Springfield, and Worcester, Mass.; Ann Arbor, Detroit, Flint, and Pontiac, Mich.; Buffalo, Rochester, and Syracuse, N. Y.; Akron, Cambridge, Canton, Cincinnati, Cleveland, Columbus, Springfield, Steubenville, Toledo, Youngstown, and Zanesville, Ohio; and Providence, R. I.

No. MC 103392 (Sub No. 10), dated March 24, 1952.

*Chocolate*, in bulk, from Boston, Mass., to Altoona, Pa.

*Paper cups and paper wrappers*, from Milwaukee, Wis., to Altoona, Pa.

*Candy and confections*, excluding molded chocolate, from Altoona, Pa., to St. Louis, Mo., Chicago, Ill., Detroit, Mich., Columbus, Ohio, Mason City, Iowa, Roanoke, Va.; between Altoona, Pa., on

the one hand, and, on the other, Boston, Mass.

No. MC 103392 (Sub No. 11), dated March 24, 1952.

*Meats, meat products, and meat by-products* (except meat, fresh or frozen), *dairy products* (except butter, cheese, and oleomargarine); and *articles* distributed by meat packing houses, as defined by the Commission, from Chicago, and other Illinois points in the Chicago Commercial Zone, to points in Pennsylvania.

No. MC 103392 (Sub No. 12), dated March 24, 1952.

*Paper, paper products, and loose leaf binders or covers*, from Roaring Spring, Pa., to Bridgeport, Hartford, Meriden, New Haven, Norwalk, and Stamford, Conn., Chicago, Ill., Indianapolis, Greensburg, Vincennes and Kokomo, Ind., Ann Arbor, Detroit, and Pontiac, Mich., and Cambridge, Columbus, Cincinnati, Springfield, Steubenville, Toledo, and Zanesville, Ohio.

No. MC 106595 (Sub No. 5) filed October 28, 1957, MAC BOYD, doing business as BOYD TRUCKING COMPANY, 1029 East Valley Boulevard, San Gabriel, Calif. For authority to operate as a *common carrier* of the same commodities between the same points or within the same territory as authorized in the following permit:

No. MC 106595, dated October 24, 1952.

*Plows*, from Amarillo, Tex., to points in Oklahoma, Missouri, Illinois, Kansas, Nebraska, North Dakota, South Dakota, Montana, Wyoming, Colorado, and New Mexico; and *Materials* used in the manufacture of plows, on return.

*Water-well pumps and water-well pump parts*, from Los Angeles, Calif., to points in Roosevelt County, N. Mex., and those in Texas located on and north of U. S. Highway 380 and on and west of Texas Highway 283.

No. MC 107640 (Sub No. 36) filed November 5, 1957, MIDWEST TRANSFER COMPANY OF ILLINOIS, 7000 South Pulaski Road, Chicago 29, Ill. Applicant's attorney: Charles W. Singer, 1825 Jefferson Place NW., Washington 6, D. C. For authority to operate as a *common carrier* of the same commodities between the same points or within the same territory as authorized in the following permits:

No. MC 107460, dated November 14, 1951.

*Roofing and building materials*, subject to a "Keystone" restriction, from Joliet, Ill., to Detroit, Mich.; from Joliet over Alternate U. S. Highway 66 to junction Illinois Highway 7, thence over Illinois Highway 7 to junction U. S. Highway 6, thence over U. S. Highway 6 to Hammond, Ind., thence over U. S. Highway 20 to South Bend, Ind., thence over U. S. Highway 33 to Elkhart, Ind., thence over Indiana Highway 120 to Bristol, Ind., thence over Indiana Highway 15 to junction U. S. Highway 131, thence over U. S. Highway 131 to Mottville, Mich., and thence over U. S. Highway 112 to Detroit. Service is authorized to all intermediate points, restricted to delivery only.

*Paper mill products*, subject to a "Keystone" restriction, from Hamilton, Ohio



over U. S. Highway 127 to Eaton, Ohio, thence over U. S. Highway 35 to junction Indiana Highway 28, thence over Indiana Highway 28 to junction U. S. Highway 52, thence over U. S. Highway 52 to junction U. S. Highway 41, thence over U. S. Highway 41 to Chicago, Ill., and thence over irregular routes to points in that part of Illinois on and east of U. S. Highway 150 between Moline and Peoria, Ill., and on and north of U. S. Highway 24 between Peoria and the Illinois-Indiana State line. Service is authorized to all intermediate points on the above-specified regular route restricted to delivery only. From Hamilton, Ohio, over irregular routes to points in Ohio.

*Materials and supplies* used in the manufacture and shipment of paper mill products, from points in the above-specified Illinois territory over irregular routes to Chicago, thence over the above-specified regular route to Hamilton. Service is authorized from all intermediate points on the above-specified regular route restricted to pick-up only. From points in Ohio over irregular routes to Hamilton.

*Oil*, in containers, subject to a "Keystone" restriction, between Franklin, Pa., on the one hand, and, on the other, Peoria, Champaign, Carbondale, Chicago, and Springfield, Ill., Akron, Cincinnati, Cleveland, Columbus, Dayton, and Toledo, Ohio, Detroit and Grand Rapids, Mich., Evansville, Indianapolis, and Fort Wayne, Ind., Louisville, Bellevue and Covington, Ky., Madison, Wis., Pittsburgh, Pa., and St. Louis, Mo.

*Paper and paper products*, subject to a "Keystone" restriction, from Hamilton, Ohio, to points in that part of Illinois bounded on the north by a line beginning at the Indiana-Illinois State line and extending along U. S. Highway 24 to junction U. S. Highway 150, and thence along U. S. Highway 150 to the Illinois-Iowa State line, and on the south by U. S. Highway 40, including points on U. S. Highway 40, to those in that part of Indiana north of U. S. Highway 40, including points on the indicated portion of the highway specified, to those in that part of Michigan south of Michigan Highway 21, including points on the indicated portion of the highway specified, and to Milwaukee, Racine and Beloit, Wis., St. Louis, Mo., Erie, Pa., and Rochester and Buffalo, N. Y.

*Steel strapping, paper and paper products, and materials, and supplies* used in the manufacture and shipping of paper and paper products, from the destination points specified immediately above and Toledo, Ohio, to Hamilton, Ohio.

*Paper and paper products*, from Monroe, Mich., to points in Illinois, Indiana, Iowa, Maryland, New Jersey, New York, Ohio, Pennsylvania, West Virginia, and Wisconsin.

*Materials, machinery, and supplies* used in the manufacture of paper products, from points in the next above-specified destination territory to Monroe, Mich.

*Paper, paper products, and cartons*, between Fairfield and Middletown, Ohio, and Hartford City, Ind., on the one hand, and, on the other, Peoria, Champaign, Carbondale, Chicago, and Springfield,

Ill., Akron, Cincinnati, Cleveland, Columbus, Dayton, and Toledo, Ohio, Detroit and Grand Rapids, Mich., Evansville, Indianapolis, and Fort Wayne, Ind., Louisville, Bellevue, and Covington, Ky., Madison, Wis., Pittsburgh, Pa., and St. Louis, Mo.; Between Monroe, Mich., on the one hand, and, on the other, Detroit and Grand Rapids, Mich., Louisville, Bellevue, and Covington, Ky., and St. Louis, Mo.

*Corrugated paper products*, from Baltimore, Ohio, to Louisville, Ky.

*Materials used or useful in the manufacture of corrugated paper products*, from Louisville, Ky., to Baltimore, Ohio.

*Paperboard and paperboard products*, from Wabash, Ind., to Chicago, Ill.; from Chicago, Ill., to Detroit, Mich.; From Aurora, Ill., to Anderson, Crawfordsville, Fort Wayne, Gary, Hammond, Indianapolis, and Michigan City, Ind., Benton Harbor, Detroit, Monroe, and River Rouge, Mich., St. Louis, Mo., Cleveland, Columbus, Shelby, and Toledo, Ohio, and Milwaukee, Wis.; from Monroe, Mich., to St. Louis, Mo.

*Waste paper*, from Milwaukee, Wis., and Fort Wayne, Ind., to Aurora, Ill.

*Roofing, roofing cement, building, roofing and sheathing paper, building and roofing felt, nails, fasteners, asphalt, pitch, tar, shingles, and sidings*, subject to a "Keystone" restriction, from East Chicago and South Bend, Ind., to points in Illinois, Michigan, Ohio, and Wisconsin.

*Waste paper and rags*, from Detroit, Mich., and Milwaukee, Wis., to Joliet, Ill.; from Detroit, Mich., and Toledo, Ohio, to Wilmington, Ill.

*Building, roofing and insulating materials* (in straight or mixed shipments), from Chicago, Joliet, and Wilmington, Ill., and St. Louis, Mo., to St. Louis, Mo., Covington, Louisville and Newport, Ky., points in Illinois, Indiana, and Ohio, those in Iowa on and east of U. S. Highway 63, those in Wisconsin on and south of U. S. Highway 151, and those in Michigan on and south of a line beginning at Port Huron, Mich., and extending along Michigan Highway 21 to Flint, Mich., and thence along U. S. Highway 10 to Ludington, Mich.; from Chicago Heights, Ill., to Omaha, Nebr., Newport, Covington, Louisville, Owensboro, Henderson, Carrollton, and Paducah, Ky., St. Louis, Mo., points in St. Louis County, Mo., and those in Michigan, Indiana, Ohio, Wisconsin, and Iowa; from Wilmington, Ill., to Hannibal, Mo., points in St. Louis County, Mo., those in Wisconsin except those on and south of U. S. Highway 151, and those in Kentucky, except Covington, Louisville, and Newport; from Erie, Pa., to points in Ohio and Indiana, and those in New York on and west of New York Highway 14; from St. Louis, Mo., to points in Kentucky, except Louisville, Covington, and Newport, Ky.; from Joliet and Chicago, Ill., to points in Pennsylvania on and west of U. S. Highway 219, those in Wisconsin north of U. S. Highway 151, and those in Missouri, except St. Louis, Mo.; from Lockland, Ohio, to points in Wisconsin, Iowa, Indiana, Illinois, Michigan, Missouri and Kentucky, those in Pennsylvania on and west of U. S. Highway

219, and those in New York on and west of New York Highway 14; from Waukegan, Ill., to points in Michigan, Indiana, Ohio, Iowa, Kentucky, Missouri, and those in Wisconsin except Milwaukee, Racine, and Kenosha, Wis.; from Vandalia, Ill., to points in Michigan, Indiana, Ohio, Wisconsin, Missouri, and Iowa, and those in Kentucky on the Ohio River; from East Chicago, Ind., to St. Louis, Mo., and to points in Illinois, Iowa, Michigan, Ohio, Wisconsin, and those in Kentucky on the Ohio River.

*Iron and steel wire products, and fencing materials, and supplies*, subject to a "Keystone" restriction, from Sterling and Rock Falls, Ill., to points in Indiana, Ohio, and those in that part of Michigan on and south of U. S. Highway 16.

*Steel*, from Monroe, Mich., to points in Ohio.

*Heavy industrial chemicals*, not including drugs, medicine, and toilet preparations, subject to a "Keystone" restriction, from Chicago, Chicago Heights, and Joliet, Ill., East Chicago, Grasselli, and Gary, Ind., and Cincinnati, Alkali, Painesville, and Fairport Harbor, Ohio, to Cleveland, Ohio, and points in Wayne County, Mich.; from Cleveland, Ohio, to points in Wayne County, Mich.

No. MC 107640 (Sub No. 4), dated October 3, 1951.

*Iron and steel wire products, and fencing materials, and supplies* from Sterling and Rock Falls, Ill., to points in Kentucky, those in Michigan north of U. S. Highway 16, and those in Missouri south of a line beginning at St. Louis, Mo., and extending along U. S. Highway 66 to Lebanon, Mo., thence along Missouri Highway 5 to Camdenton, Mo., and thence along U. S. Highway 54 to the Missouri-Kansas State line, and those in Minnesota north of U. S. Highway 14; from Rock Falls, Ill., to points in Iowa.

No. MC 107640 (Sub No. 6), dated May 11, 1951.

*Clay building tile, and the commodities* specified below: from Chicago, Ill., to points in Iowa west of U. S. Highway 63, points in Michigan north of a line beginning at Port Huron and extending along Michigan Highway 21 to Flint, and thence along U. S. Highway 10 to Ludington, including all points in the Upper Peninsula of Michigan, and points in Nebraska on and east of U. S. Highway 77 extending from South Sioux City to the Kansas-Nebraska State line.

*Building, roofing, and insulating materials* (in straight or mixed shipments), from Joliet and Wilmington, Ill., and St. Louis, Mo., to points in the destination territory specified above; from St. Louis, Mo., to points in Pennsylvania on and west of U. S. Highway 219, points in New York on and west of New York Highway 14, points in West Virginia, and points in Wisconsin north of U. S. Highway 151.

No. MC 107640 (Sub No. 11), dated March 26, 1952.

*Petroleum asphaltum, road oil, and residual fuel oil*, in bulk, in tank vehicles, from Whiting, Ind., to points in Kenosha, Racine, Milwaukee, Waukesha, Walworth, Jefferson, Rock, and Dane Counties, Wis., and those in Cook, Lake, Du Page, McHenry, Kane, Boone, De Kalb, Kendall, Will, Grundy, La Salle,

Kankakee, and Livingston Counties, Ill., subject to a restriction.

No. MC 107640 (Sub No. 22), dated May 11, 1951.

*Building, roofing and insulating materials*, from Venice, Ill., to points in Illinois, Indiana, Iowa, Kentucky, Michigan, Ohio, West Virginia, Wisconsin, points in Pennsylvania on and west of U. S. Highway 219, points in New York on and west of New York Highway 14, and points in Nebraska on and east of U. S. Highway 77 extending from South Sioux City, Nebr., to the Nebraska-Kansas State line; from Cicero and Summit, Ill., and Whiting, Ind., to Covington, Louisville and Newport, Ky., points in Illinois, Indiana, Iowa, Michigan, Missouri, Ohio, Wisconsin, points in Pennsylvania on and west of U. S. Highway 219, those in Nebraska on and east of U. S. Highway 77 extending from South Sioux City, Nebr., to the Nebraska-Kansas State line; from East Chicago, Ind., to points in Indiana, Missouri (except St. Louis) and points in Pennsylvania on and west of U. S. Highway 219, those in Nebraska on and east of U. S. Highway 77 extending from South Sioux City, Nebr., to the Nebraska-Kansas State line.

No. MC 107640 (Sub No. 27), dated August 27, 1952.

*Building, roofing, and insulating materials*, from Prospect Hill, Mo., to points in Minnesota.

No. MC 107640 (Sub No. 31), dated August 6, 1951.

*Insulating materials*, from Alexandria and Richmond, Ind., to points in Wisconsin, Iowa, Illinois, Missouri, Kentucky, Ohio, and the lower peninsula of Michigan, and those in Pennsylvania on and west of U. S. Highway 219; from Aurora, Ill., to points in Missouri, Iowa, Wisconsin, Indiana, Ohio, Kentucky, and the lower peninsula of Michigan.

*Heavy industrial chemicals* (not including drugs, medicines and toilet preparations), in containers, subject to a "Keystone" restriction, from Joliet, Ill., to points in Ohio, Indiana, Wisconsin, Iowa, and the lower peninsula of Michigan, and Paducah, Henderson, Owensboro, Louisville, Carlton, Covington, Newport and Maysville, Ky., and Cape Girardeau, Fortescue, St. Charles, Louisiana, Hannibal and St. Louis, Mo.

*Such materials, supplies, chemicals, and machinery* as are used in the manufacture and distribution of heavy industrial chemicals (not including drugs, medicines and toilet preparations) from points in the destination territory specified immediately above to Joliet, Ill.

No. MC 107640 (Sub No. 32), dated September 17, 1952.

*Roofing materials and supplies, and supplies and materials* used in the manufacture thereof, between Philadelphia, Pa., on the one hand, and, on the other, points in New York north of a line formed by the northern boundaries of Sullivan, Ulster, and Dutchess Counties.

No. MC 108075 (Sub No. 4) filed October 21, 1957, E. VERL MAXWELL AND GORDON D. GIFFORD, doing business as G & M CONTRACT CARRIERS, 1222 14th Street South, Fargo, N. Dak. Applicant's attorney: Alan Foss, First Na-

tional Bank Building, Fargo, N. Dak. For authority to operate as a *common carrier* of the same commodities between the same points or within the same territory as authorized in the following permits:

No. MC 108075, dated December 7, 1949.

*Malt beverages*, over irregular routes, from Duluth, Minneapolis and Saint Paul, Minn., to Grand Forks, N. Dak., and from Duluth, Minn., to Fargo, N. Dak., and *empty containers* on return.

No. MC 108075 (Sub No. 1), dated December 8, 1949.

*Malt beverages and empty containers*, over specified routes between Milwaukee and La Crosse, Wis., and Fargo, N. Dak., serving the intermediate and off-route points of St. Paul, Mankato, Minneapolis and Moorhead, Minn., and Mayville, N. Dak.

*Floor sweeping compounds*, from St. Paul, Minn., to Fargo, N. Dak., serving no intermediate points but serving the off-route point of Minneapolis, Minn.

*Lubricating oil*, from La Crosse, Wis., and Duluth, Minn., to Fargo, N. Dak., over specified regular routes, serving the intermediate and off-route points of St. Paul and Minneapolis, Minn., restricted to pick-up only, and to Moorhead, Minn., restricted to delivery only.

*Sugar*, from Duluth, Minn., to Grand Forks, N. Dak., over a specified regular route, serving no intermediate points.

No. MC 108678 (Sub No. 21) filed October 21, 1957, LIQUID TRANSPORT CORP., 450 West Troy Avenue, Indianapolis, Ind. Applicant's attorney: William J. Guenther, 1511-14 Fletcher Trust Building, Indianapolis, Ind. For authority to operate as a *common carrier* of the same commodities between the same points or within the same territory as authorized in the following permits:

No. MC 108678, dated August 29, 1950.

*Liquid sugar and blends thereof*, in liquid form, in tank trucks, over irregular routes, from Indianapolis, Ind., to points in Ohio, Michigan, Illinois, and Kentucky.

*Refused or rejected shipments* of liquid sugar blends thereof, in liquid form, in tank trucks, from points in Ohio, Michigan, Illinois, and Kentucky, to Indianapolis, Ind.

*Corn syrup*, in tank trucks, from points in Ohio, Michigan, Illinois, and Kentucky, to Indianapolis, Ind.

No. MC 108678 (Sub No. 3), dated August 29, 1950.

*Lard, fats, tallow, oils and greases*, except petroleum oils and greases, in tank vehicles, between points in Indiana, on the one hand, and, on the other, points in Ohio, Illinois, Kentucky, and Michigan.

No. MC 108678 (Sub No. 6), dated November 24, 1950.

*Liquid chemicals*, in bulk, in tank vehicles, between the sites of the Commercial Solvents Corporation's plants at or near Terre Haute, Ind., and Peoria, Ill., on the one hand, and, on the other, points in Indiana, Illinois, Iowa, Kentucky, Michigan, Missouri, Ohio, and Wisconsin.

No. MC 108678 (Sub No. 8), dated February 25, 1955.

*Coal tar products*, in bulk, in tank vehicles, from Indianapolis, Ind., to Akron, Ohio, and Baton Rouge, La.

No. MC 108678 (Sub No. 9), dated January 25, 1956.

*Soybean oil*, from points in Illinois, except Decatur and Bloomington, Ill., and except those within the Chicago, Ill., Commercial Zone, to Louisville, Ky.

No. MC 109203 (Sub No. 4) filed October 28, 1957, EDWARD F. MADEIRA, INC., 113 North Fifth Street, Hamburg, Pa. For authority to operate as a *common carrier*, of the same commodities between the same points or within the same territory as authorized in the following permit:

No. MC 109203 dated October 8, 1954.

*Plow parts*, from Hamburg, Pa., to points in Alabama, Arkansas, Delaware, Georgia, Illinois, Indiana, Kentucky, Maryland, Michigan, Missouri, New Jersey, New York, North Carolina, Ohio, South Carolina, Tennessee, Virginia, West Virginia, and the District of Columbia.

*Plow parts, and articles used or useful in the manufacture of plow parts*, from points in above-specified destination territory to Hamburg, Pa.

No. MC 109385 (Sub No. 16) filed October 31, 1957, SUBLER TRANSFER, INC., East Main Street, Versailles, Ohio. For authority to operate as a *common carrier* of the same commodities between the same points or within the same territory as authorized in the following permits:

No. MC 109385, dated March 10, 1954.

*Empty egg cases*, in truckloads, from New York, N. Y., and Pittsburgh and Philadelphia, Pa., to Dunkirk and Winchester, Ind., and St. Paris and Versailles, Ohio.

*Farm machinery*, from Chicago, Ill., to Greenville, Ohio.

*Heating stoves*, from Greenville, Ohio, to Chicago, Ill.

*Washing machines and laundry equipment*, from Chicago, Ill., to Greenville, Dayton, and Columbus, Ohio.

*Canned goods*, from points in Ohio and Indiana within 50 miles of Greenville, Ohio, to Chicago, Ill., Detroit, Mich., Pittsburgh, Pa., St. Louis, Mo., and Cleveland, Ohio, except that condensed milk, in containers, shall not be transported from Greenville, Ohio, to Pittsburgh, Pa.

*Eggs*, in truckloads, from Versailles and St. Paris, Ohio, and Winchester and Dunkirk, Ind., to Detroit, Mich., Cleveland, Ohio, Pittsburgh and Philadelphia, Pa., and New York, N. Y.

*Petroleum products*, from Butler and Franklin, Pa., to Detroit, Saginaw, and Grand Rapids, Mich., Chicago, Ill., and points in Ohio.

*Feed*, from Chicago, Ill., to points in Ohio.

*Agricultural implements*, in truckloads, between Coldwater, Ohio, and Sandwich, Ill.

*Agricultural implements and parts, power corn shellers, and farm wagons*, in truckloads, between Coldwater, Ohio, and Sandwich, Ill., on the one hand, and, on the other, Adrian, Bad Axe, Grand Rapids, Jackson, Kalamazoo, Kalkaska, Lansing, Richville, Saginaw, and Scotts-

ville, Mich., and Fort Wayne and Indianapolis, Ind.

*Agricultural implement parts, power corn shellers, farm wagons, and factory material and equipment* used in their manufacture, in truckloads, between Coldwater, Ohio, and Sandwich, Ill.

*Fair exhibits* (agricultural implements and parts) and necessary *display equipment*, between Coldwater, Ohio, and Sandwich, Ill., on the one hand, and, on the other, Louisville, Ky., and Indianapolis, Ind.

*Farm machinery, implements, and equipment*, between Columbus, Cincinnati, and Bellevue, Ohio, on the one hand, and, on the other, points in Indiana and Illinois; between Knightstown, Ind., and Sterling and Chicago Heights, Ill., on the one hand, and, on the other, points in Ohio.

*Building, roofing and specified insulating materials and supplies* used in the installation thereof, from Wilmington, Ill., to points in Ohio, and those in that part of Indiana bounded by a line beginning at the Indiana-Ohio State line, thence extending west on U. S. Highway 6 to Waterloo, Ind., thence south on U. S. Highway 27 to Lynn, Ind., and thence east on U. S. Highway 36 to the Indiana-Ohio State line, including points on the indicated portions of the highways specified.

*Shell eggs*, from Cambridge, Milford, Millersburg, Napoleon, Nelsonville, New Washington, Wooster, and Columbiana, Ohio to Pittsburgh, Harrisburg, and Philadelphia, Pa., Baltimore, Md., New York, Olean, Rochester, and Ithaca, N. Y., and New Haven, Conn.; from Bluffton, Ohio, to Pittsburgh, Pa., New York, N. Y., and points on Long Island, N. Y.; from Versailles, Ohio, to New Haven, Conn.

*Dressed poultry*, from Eaton, Ohio, to New York, N. Y.; from Millersburg and Columbiana, Ohio, to Pittsburgh, Harrisburg, and Philadelphia, Pa., Baltimore, Md., New York, Olean, Rochester, and Ithaca, N. Y., and New Haven, Conn.

*Meats, meat products, meat by-products, and articles distributed by meat packing houses* as defined by the Commission, from Piqua, Ohio, to Boston, Mass., New York, N. Y., Jersey City, N. J., Pittsburgh, Pa., and Huntington, Charleston and Wheeling, W. Va.; from Troy, Ohio, to Boston, Mass., Newark, N. J., and Louisville, Ky.

*Flat glass*, from Clarksburg, W. Va., to Detroit, Mich.; from Clarksburg, W. Va., to points in Indiana (except Goshen, Jeffersonville, and New Albany), and points in Illinois (except Quincy).

No. MC 109385 (Sub No. 3), dated April 27, 1948.

*Hard surfaced floor covering material and materials, equipment and supplies* used in, or in connection with, its installation, from Lancaster, Pa., to Indianapolis and Richmond, Ind., and Cincinnati, Ohio.

No. MC 109385 (Sub No. 4), dated August 6, 1948.

*Eggs, and dressed poultry and empty egg containers*, between points and places in Decatur County, Ind., and Darke, Mercer, Auglaize, and Miami Counties, Ohio, on the one hand, and, on the other, points in Ohio, Indiana, Illinois,

Pennsylvania, West Virginia, New York, New Jersey, Massachusetts, Connecticut, Maryland, and the District of Columbia. Restriction: No service shall be provided between points and places in Darke, Mercer, and Auglaize Counties, Ohio, on the one hand, and, on the other, points and places in Massachusetts and Connecticut.

*The commodities* classified as dairy products in Section B of the appendix to the report in *Modification of Permits-Packing House Products*, 46 M. C. C. 23, and empty containers used in the transportation of such dairy products, between points in Shelby County, Ind., and Montgomery, Allen, and Logan Counties, Ohio, on the one hand, and, on the other, points in Ohio, Indiana, Illinois, Pennsylvania, West Virginia, New York, New Jersey, Massachusetts, Connecticut, Maryland, and the District of Columbia. Restriction: No service shall be provided (a) between points in Montgomery County, Ohio, on the one hand, and, on the other, points in Indiana; and (b) between points in Shelby County, Ind., on the one hand, and, on the other, points in Maryland, and the District of Columbia.

Between points in Darke, Mercer, and Auglaize Counties, Ohio, on the one hand, and, on the other, Philadelphia, Pa., points in Pennsylvania on and west of U. S. Highway 219, Baltimore, Md., New York, N. Y., Trenton and Newark, N. J., points in New York and New Jersey within 20 miles of New York, N. Y., and points in West Virginia on and north of U. S. Highway 50.

No. MC 109385 (Sub No. 5), dated January 11, 1951.

*Paper carpet lining and felt paper carpet lining*, between Fulton, N. Y., and points within five miles of Fulton on the one hand, and, on the other, Cincinnati, Ohio, and Indianapolis and Richmond, Ind.

No. MC 109385 (Sub No. 6), dated October 3, 1950.

*Such commodities* as are dealt in by retail grocery stores, from points in Illinois, Indiana, Wisconsin and Michigan to Clarksburg, W. Va., and points in West Virginia within 50 miles thereof.

No. MC 109385 (Sub No. 8), dated February 7, 1951.

*Packing house products*, as defined by the Commission, in refrigerated equipment, from points in Montgomery County, Ohio, to points in Michigan and Rhode Island; from points in Montgomery County, Ohio, to points in Connecticut, Maryland, Massachusetts, New Jersey, New York, Pennsylvania, and West Virginia.

*Dressed poultry and eggs*, from Piqua, Ohio, to points in Michigan.

*Dairy products*, as defined by the Commission, in refrigerated equipment, between Covington, Ohio, and points in Connecticut, Maryland, Massachusetts, Michigan, New Jersey, New York, Pennsylvania, Rhode Island, and West Virginia.

*Feed*, between Forest Park, Ill., on the one hand, and, on the other, points in Ohio and those in Indiana on and east of U. S. Highway 31 (except Indianapolis).

No. MC 109385 (Sub No. 11), dated March 16, 1956.

*Dressed poultry*, from Eaton, Ohio, to Philadelphia and Pittsburgh, Pa.

*Meats, meat products, and meat by-products*, subject to a "Keystone" restriction, from Troy, Ohio, to Alton, Bloomington, Bushnell, Cairo, Champaign, Clinton, Centralia, Decatur, Dixon, Effingham, Freeport, Galesburg, Jacksonville, Kankakee, La Salle, Marion, Mattoon, Moline, Mt. Vernon, Quincy, Pekin, Rockford, and Urbana, Ill., Bedford, Bloomington, Fort Branch, Frankfort, Greensburg, and Princeton, Ind., and Parkersburg, Charleston, and Hutingont, W. Va.

*Frozen meats*, from Troy, Ohio, to Beckley, Bluefield, Clarksburg, Elkins, Fairmont, Hinton, Logan, Martinsburg, Morgantown, Richwood, Weston, and Williamson, W. Va.; Allentown, Bethlehem, Bradford, Chester, Coatesville, DuBois, Franklin, Gettysburg, Hazleton, Indiana, Kane, Kingston, Lewisburg, Lock Haven, Meadville, Pottsville, Reading, Royaltown, Scranton, St. Clair, Stroudsburg, Uniontown, Warren, Wilkes-Barre, Williamsport, and York, Pa.; Glens Falls, Hornell, Ithaca, Kingston, Massena, Malone, Medina, Newburgh, Ogdensburg, Oneonta, Peekskill, Plattsburg, Port Jervis, Poughkeepsie, and Watertown, N. Y.; Barnstable, Fall River, Gloucester, Greenfield, Lowell, Lynn, New Bedford, Northampton, Pittsfield, and Southbridge, Mass.; Bridgeport, Bristol, Danbury, East Hartford, Hartford, Middletown, Naugatuck, New Haven, New London, Norwich, Putnam, Stamford, Torrington, Waterbury, West Hartford, Windsor, and Willimantic, Conn.; Bristol, Natick, Newport, Providence, Warwick Neck, and Westerly, R. I.; Atlantic City, Bridgeton, Millville, Pennsgrove, Vineland, and Wildwood, N. J.; Annapolis, Cambridge, Cumberland, Frederick, Hagerstown, Hyattsville, Salisbury, and Snow Hill, Md.; Delmar, Dover, Seaford, and Wilmington, Del.; and Bristol, Cape Charles, Charlottes-ville, Danville, Fredericksburg, Lexington, Lynchburg, Martinsville, Newport News, Petersburg, Norfolk, Portsmouth, Pulaski, Richmond, Roanoke, Salem, Staunton, Suffolk, and Winchester, Va., with no transportation for compensation on return except as otherwise authorized.

No. MC 109385 (Sub No. 14), dated March 16, 1956.

*Meats* (except frozen meats), *meat products and meat byproducts* and *articles distributed by meat packinghouses* as defined by the Commission, from Troy, Ohio, to points in Connecticut, Delaware, Maryland, Massachusetts, New Jersey (except Newark, N. J.), New York, Pennsylvania, Rhode Island, Virginia, West Virginia (except Parkersburg, W. Va., and points in Cabell and Kanawah Counties, W. Va.), and the District of Columbia.

No. MC 109385 (Sub No. 15), dated November 16, 1956.

*Frozen eggs and egg yolks, and egg whites and mixtures and blends thereof*, in refrigerated equipment, from Zanesville, Ohio, to points in Connecticut, Delaware, Maryland, Massachusetts, New Jersey, New York, Pennsylvania, Rhode

Island, Virginia, West Virginia, and the District of Columbia.

No. MC 109451 (Sub No. 82) filed October 23, 1957, ECOFF TRUCKING, INC., 112 Merrill Street, Fortville, Ind. For authority to operate as a *common carrier* of the same commodities between the same points or within the same territory as authorized in the following permits:

No. MC 109451, dated July 27, 1954.

*Silicate of soda*, in bulk, in tank vehicles, from East Chicago, Ind., to St. Louis, Mo., points in the lower peninsula of Michigan, and those in Illinois; from Fortville, Ind., to Troy, Dayton, Lockland, and Middletown, Ohio.

*Silicate of soda and acids*, in bulk, in tank vehicles, from East Chicago, Ind., to points in Wisconsin.

*Acids*, in bulk, in tank vehicles, from East Chicago, Ind., to St. Louis, Mo., points in the lower peninsula of Michigan, and those in Illinois; from Seneca, Ill., to points in Indiana in the Chicago, Ill., Commercial Zone as defined by the Commission.

*Silicate of soda*, in bulk, in tank vehicles, in shipments of not less than 21,000 pounds, from Fortville, Ind., to Van Wert, Ohio.

*Sulphuric acid*, in bulk, in tank vehicles, from Danville, Ill., to Louisville, Ky., and points in Indiana and Ohio.

*Refused or rejected shipments* of sulphuric acid, from points in Indiana and Ohio, to Danville, Ill.

*Chlorosulphonic acid*, in bulk, in tank vehicles, from Evendale, Ohio, to Albany, Ga., and Kingsport, Tenn.

No. MC 109451 (Sub No. 18), dated July 5, 1955.

*Nitrogen fertilizer solution*, in bulk, in tank vehicles, from Belle, W. Va., to Briggs, Hartsdale, Indianapolis, Jeffersonville, and New Albany, Ind., and Alliance, Columbus and Lackland, Ohio.

*Nitrogen fertilizer solution and fertilizer ammoniating solution*, in bulk, in tank vehicles, from South Point, Ohio, to points in Indiana, Kentucky, and Tennessee.

*Phosphoric acid, phosphatic fertilizer solution and sodium phosphate*, in bulk, in tank vehicles, from Fernald, Ohio, to points in Illinois and Indiana, points in Michigan on and east of U. S. Highway 127 from the Ohio-Michigan State line to Jackson, Mich., and on and south of U. S. Highway 12 from Jackson to Detroit, Mich., and points in Wisconsin in Milwaukee, Racine, and Kenosha Counties.

No. MC 109451 (Sub No. 23), dated February 27, 1956.

*Nitrogen solution and anhydrous ammonia*, in bulk, in tank vehicles, from West Henderson, Ky., and the plant site of the U. S. Industrial Chemical Division of National Distillers Products Corporation, located on U. S. Highway 36 approximately three and one-half miles west of Tuscola, Ill. (Ficklin, Ill.), to Jeffersonville, Indianapolis, and Hartsdale, Ind., and Toledo, Ohio.

No. MC 109451 (Sub No. 24), dated September 13, 1956.

*Sulphuric acid*, in bulk, in tank vehicles, from Cincinnati, Ohio, to Fort Wayne, Jeffersonville, Indianapolis, and Hartsdale, Ind.

No. MC 109451 (Sub No. 30), dated December 2, 1955.

*Phosphoric acid*, in bulk, in tank vehicles, from Jeffersonville, Ind., to points in West Virginia (except Charleston, South Charleston, Institute, Fairmont, Morgantown, and Follansbee).

*Sodium phosphates*, in bulk, in hopper-type vehicles, from Jeffersonville, Ind., to points in Kentucky, Ohio, Illinois, Wisconsin, Pennsylvania, West Virginia, Missouri, and the lower peninsula of Michigan.

No. MC 109451 (Sub No. 34), dated April 8, 1955.

*Silicate of soda*, in bulk, in tank vehicles, from Fortville, Ind., to points in Ohio, except Troy, Dayton, Lockland, Middletown, and Van Wert, Ohio.

No. MC 109451 (Sub No. 35), dated April 27, 1956.

*Sulphate scap skimmings*, in bulk, in tank vehicles, from Krannert and Maccon, Ga., Monroe, La., Port St. Joe and Palatka, Fla., and Calhoun, Tenn., to Tuccaloosa, Ala., and points within five miles thereof.

No. MC 109451 (Sub No. 37), dated July 5, 1955.

*Acids and chemicals* as defined by the Commission and *nitrogen solutions*, in bulk, in tank vehicles, from the site of the plant of National Distillers Products Corporation near Ficklin, Ill., to points in Michigan, Ohio, Missouri, Kentucky, Wisconsin, and Iowa and to points in Indiana except Hartsdale, Indianapolis, New Albany, and Jeffersonville.

No. MC 109451 (Sub No. 45), dated October 27, 1955.

*Phosphoric acid, phosphatic fertilizer solution and sodium phosphate*, in bulk, in tank vehicles, from Fernald, Ohio, to points in Wisconsin and the lower peninsula of Michigan.

*Acids*, in bulk, in tank vehicles, from Columbus, Ohio, to points in Indiana; from Hamilton, Ohio, to Jeffersonville, Indianapolis, Hartsdale, and Briggs, Ind.

*Acids and chemicals* as defined by the Commission, and *nitrogen solution*, in bulk, in tank vehicles, from the site of the National Distillers Products Corporation near Ficklin, Ill., to Hartsdale, Indianapolis, New Albany, and Jeffersonville, Ind.

No. MC 109451 (Sub No. 48), dated October 25, 1955.

*Silicate of soda*, in bulk, in tank vehicles, from Anderson, Ind., to points in Illinois, Kentucky, Ohio, and points in the lower peninsula of Michigan.

*Chemicals*, in bulk, in tank vehicles, (except petroleum derivative chemicals, as defined by the Commission, from Jeffersonville, Ind., to points in Illinois, Ohio and those in Kentucky except Brandenburg and points within two miles thereof.

No. MC 109451 (Sub No. 49), dated March 29, 1956.

*Anhydrous ammonia and nitrogen solution*, in bulk, in tank vehicles, from Ketona, Ala., to points in Georgia, points in that part of Florida on and north of Florida Highway 60, points in that part of Tennessee on and east of U. S. Highways 31 and 31W, and points in that part of Mississippi on and east of U. S. Highway 51.

No. MC 109451 (Sub No. 51), dated August 24, 1956.

*Glycerine and phosphoric acid*, in bulk, in tank vehicles, from Jeffersonville, Ind., to Bradensburg, Ky., and to points in Wisconsin and Missouri, and those in the lower peninsula of Michigan.

No. MC 109451 (Sub No. 52), dated November 15, 1956.

*Nitrogen fertilizer solution and fertilizer ammoniating solution*, in bulk, in tank vehicles, from South Point, Ohio, to points in Illinois, Michigan, and Pennsylvania. *Alcohol*, in bulk, in tank vehicles, from Ficklin, Ill., to Fairmont, Minn.

No. MC 109451 (Sub No. 56), dated December 17, 1956.

*Sulfuric acid*, in bulk, in tank vehicles, from Coosa Pines, Ala., to points in Georgia.

*Chlorosulfonic acid*, in bulk, in tank vehicles, from Cincinnati, Ohio, to Joliet and Chicago, Ill., and Midland, Mich.

*Tall oil*, in bulk, in tank vehicles, from Valdosta, Ga., to Fox, Ala.

No. MC 109451 (Sub No. 58), dated March 26, 1957.

*Chemicals*, as defined by the Commission, in bulk, in tank vehicles, from Anderson, Ind., to points in Iowa and Wisconsin.

No. MC 109451 (Sub No. 64), dated July 24, 1957.

*Nitric acid*, in bulk, in tank vehicles, from Sterlington, La., to Terre Haute, Ind.

*Hydrofluosilicic acid*, in bulk, in tank vehicles, from the plant site of the International Minerals & Chemical Corporation at Lockland, Ohio to points in Indiana, Michigan, Illinois, Missouri, Wisconsin, and Iowa; from the plant site of the International Minerals & Chemical Corporation at Chicago Heights, Ill., to points in Indiana, Michigan, Missouri, Wisconsin, Iowa, and Ohio.

*Sulphuric acid*, in bulk, in tank vehicles, from the plant site of the International Minerals & Chemical Corporation at Lockland, Ohio to points in Illinois and Indiana except Fort Wayne, Jefferson, Indianapolis, and Hartsdale, Ind.

No. MC 109723 (Sub No. 7) filed October 23, 1957, GLENDYL W. STONE, doing business as STONE TRUCKING CO., Box 206, Dale, Indiana. For authority to operate as a *common carrier*, of the same commodities between the same points or within the same territory as authorized in the following permits:

No. MC 109723 dated November 15, 1948.

*Sandstone*, over irregular routes, from points in Dubois County, Ind., to points in Illinois.

*Such merchandise* as is dealt in by wholesale food business houses and, in connection therewith, *equipment, materials and supplies* used in the conduct of such business, subject to "Keystone" restriction, between Dale, Ind., on the one hand, and, on the other, St. Louis, Mo., and points in Illinois.

No. MC 109723 (Sub No. 1) dated February 16, 1950.

*Fertilizer*, from Cincinnati, Ohio, to points in Spencer County, Ind.

*Sandstone*, from points in Dubois County, to points in Alabama, Arkansas,

Georgia, Kentucky, Louisiana, Tennessee, Ohio, and the lower peninsula of Michigan.

Canned tomatoes, canned tomato juice, canned corn and canned pumpkin, from Flat Rock and Fairland, Ind., to points in Alabama, Arkansas, Georgia, Kentucky, Louisiana, Ohio (except from Flat Rock to Cincinnati), Tennessee, Illinois, Mississippi, and Missouri.

Granite, from points in Georgia to Dale, Ind.

Such merchandise as is dealt in by the above-described business houses, and in connection therewith equipment, materials and supplies used in the conduct of such business, subject to a "Keystone" restriction, between Dale and Evansville, Ind., on the one hand, and, on the other, points in Alabama, Arkansas, Kentucky, Georgia, Illinois, Louisiana, Mississippi, and Tennessee; between Evansville, Ind., and points in Ohio; between Dale, Ind., on the one hand, and, on the other, points in the lower peninsula of Michigan and points in Ohio, except Cincinnati.

No. MC 109723 (Sub No. 4) dated April 10, 1953.

Brick, over irregular routes, from Huntinburg, Ind., to St. Louis, Mo., and points in Illinois, Kentucky, Ohio, and the Lower Peninsula of Michigan.

No. MC 110021 (Sub No. 6) filed October 22, 1957, GEORGE CLEGG AND SONS, INC., 125 Ellison Street, Paterson 1, N. J. For authority to operate as a common carrier of the same commodities between the same points or within the same territory as authorized in the following permit:

No. MC 110021 (Sub No. 3), dated March 15, 1955.

Clay products, from Brockway, Worthington, Patton, St. Mary's, Mill Hall, and Clearfield, Pa., Uhrichsville and Stratton, Ohio, to points in Massachusetts,

From Logan, Malverne and Negley, Ohio, to points in New York, New Jersey, Connecticut, Virginia, Maryland, Delaware, Massachusetts, and the District of Columbia.

From Paterson, N. J., to points in Pennsylvania, New York, and Connecticut.

From Brockway, Worthington, Patton, St. Mary's, Mill Hall, and Clearfield, Pa., and Uhrichsville and Stratton, Ohio, to points in New York, New Jersey, Connecticut, Virginia, Maryland, Delaware, and the District of Columbia.

From Millville and Hazleton, Pa., to points in Connecticut, New York, and New Jersey.

No. MC 110270 (Sub No. 6) filed October 24, 1957, BEVERAGE TRANSPORT, INC., Route 5 and 20, P. O. Box 88, East Bloomfield, N. Y. Applicant's representative: Raymond A. Richards, 13 Lapham Pk., P. O. Box 25, Webster, N. Y. For authority to operate as a common carrier of the same commodities between the same points or within the same territory as authorized in the following permit:

No. MC 110270, dated August 29, 1956. Malt beverages, from Newark, N. J., to Auburn, Buffalo, Geneva, Hornell, Olean, Rochester, and Waterloo, N. Y., and

empty malt-beverage containers on return.

No. MC 110416 (Sub No. 8) filed October 21, 1957, K. W. CASADY, doing business as CASADY TRUCK LINE, Grimes, Iowa. Applicant's representative: William A. Landau, 1307 East Walnut Street, Des Moines 16, Iowa. For authority to operate as a common carrier of the same commodities between the same points or within the same territory as authorized in the following permits:

No. MC 110416 (Sub No. 2), dated December 1, 1952.

Corn pickers and grain drills, over irregular routes, from Des Moines, Iowa, and points within one mile thereof, to points in that part of Missouri on and west of U. S. Highway 63.

Agricultural machinery, between Des Moines, Iowa, on the one hand, and, on the other, points in Nebraska.

No. MC 110416 (Sub No. 7), dated July 1, 1957.

Agriculture machinery, implements and parts, as defined by the Commission, and farm tractors, between Des Moines, Iowa, and points in Missouri on and west of U. S. Highway 63.

No. MC 110760 (Sub No. 3), filed October 25, 1957, DAVIS LAMBERT doing business as LAMBERT AND HOOD, 519 West Third Street, Mt. Carmel, Ill. For authority to operate as a common carrier of the same commodities between the same points or within the same territory as authorized in the following permits:

MC 110760 dated November 9, 1953.

Crude petroleum, in bulk, in tank vehicles, over irregular routes, between points in Lawrence, Wabash, Edwards, White, and Gallatin Counties, Ill., on the one hand, and, on the other, points in Knox, Gibson, Posey, and Vanderburgh Counties, Ind.

MC 110760 (Sub No. 1), dated November 4, 1949.

Coal spray oil, in bulk, in tank vehicles, from Princeton, Ind., and points within 3 miles of Princeton, to points in Illinois and Kentucky.

Crude petroleum, in bulk, in tank vehicles, between points in Illinois, Indiana, and Kentucky, except between points in Lawrence, Wabash, Edwards, White, and Gallatin Counties, Ill., on the one hand, and, on the other, points in Knox, Gibson, Posey, and Vanderburgh Counties, Ind.

No. MC 115668 (Sub No. 1) filed November 5, 1957, WARREN G. HARDING, R. R. No. 2, Kendallville, Ind. For authority to operate as a common carrier of the same commodities between the same points or within the same territory as authorized in the following permit:

No. MC 115668, dated July 3, 1956.

Cookies and cakes, over irregular routes, from the site of the plant of the Continental Baking Company at or near River Forest, Ill., to Lakeside, Mich., and South Bend, Elkhart, Warsaw, and Woltcottville, Ind., and empty containers on return.

No. MC 115782 (Sub No. 2), filed October 23, 1957, CLYDE H. VAN METER AND NAOMI VAN METER, doing business as VAN METER TRUCKING CO.,

927 East Minnesota Street, Indianapolis, Ind. For authority to operate as a common carrier of the same commodities between the same points or within the same territory as authorized in the following permit:

No. MC 115782, dated May 20, 1957.

Meats, meat products, and meat by-products, over irregular routes, as defined by the Commission, from Indianapolis, Ind., to points in that part of Indiana on, south, and west of a line beginning at the Illinois-Indiana State line and extending along U. S. Highway 36 to Indianapolis, Ind., and thence along Indiana Highway 37 to the Indiana-Kentucky State line.

No. MC 115824 (Sub No. 3), filed October 21, 1957, LESTER PETERSEN, 410 Malin Street, Wankato, Minn. For authority to operate as a common carrier of the same commodities between the same points or within the same territory as authorized in the following permit:

No. MC 115824, dated January 16, 1957.

Soy bean meal, in sacks or in bulk, over irregular route, from Mankato, Minn., to points in South Dakota, and points in Lyon, Osceola, Dickinson, Emmet, Kosuth, Sioux, O'Brien, Sac, Clay, Palo Alto, Plymouth, Cherokee, Buena Vista, Woodbury, and Ida Counties, Iowa.

No. MC 116127 (Sub No. 2), filed October 21, 1957, GEORGE D. CYRUS, INC., Box 327, Iola, Kans. Applicant's attorney: Howard M. Immel, Allen County State Bank Building, Iola, Kans. For authority to operate as a common carrier of the same commodities between the same points or within the same territory as authorized in the following permit:

No. MC 116127, dated November 9, 1956.

Petroleum products in packages or containers, over irregular routes, from refining and producing points in Kansas, to points in that part of Missouri south of U. S. Highway 36, west of U. S. Highway 63, and north of U. S. Highway 60, including points on the indicated portions of the highways specified, and empty containers on return.

Petroleum and petroleum products in packages or containers, from refining and producing points in Kansas, and points in the Kansas City, Mo.-Kansas City, Kans., Commercial Zone, as defined by the Commission, to points in that part of Missouri south of U. S. Highway 60 and on and west of U. S. Highway 65; From refining and producing points in Kansas, and points in the Kansas City, Mo.-Kansas City, Kans., Commercial Zone, as defined by the Commission, to points in that part of Missouri north of U. S. Highway 36 and on and west of U. S. Highway 63; from refining and producing points in Kansas, and points in the Kansas City, Mo.-Kansas City, Kans., Commercial Zone as defined by the Commission to Ava, Mo., and empty containers from the destination points to the respective origin points, specified above for the movement of petroleum and petroleum products in packages or containers.

No. MC 116377 (Sub No. 1), filed October 21, 1957, L. T. SHAFER, 2525 Quivira Drive, P. O. Box 67, Great Bend, Kans. For authority to operate as a common



carrier of the same commodities between the same points or within the same territory as authorized in the following permit:

No. MC 116317, dated August 5, 1957.  
*Brick and tile*, including ceramic and masonry products, over irregular routes, from Great Bend and Kanopolis, Kans., to points in Cimarron, Texas, and Beaver Counties, Okla., and points in that part of Oklahoma on and north of a line beginning at the Oklahoma-Texas State line and extending along U. S. Highway 66, through Oklahoma City, Okla., to Tulsa, Okla., and thence along Oklahoma Highway 33 to the Oklahoma-Arkansas State line; points in that part of Nebraska on and south of a line beginning at the Nebraska-Iowa State line, near Union, Nebr., and extending along U. S. Highway 34 to junction U. S. Highway 281, at or near Grand Island, Nebr., thence along U. S. Highway 281 to junction U. S. Highway 30, and thence along U. S. Highway 30 to the Nebraska-Wyoming State line; points in that part of Missouri on and west of a line beginning at the Missouri-Arkansas State line, near Seligman, Mo., and extending along Missouri Highway 37 to junction U. S. Highway 60, at or near Monett, Mo., thence along U. S. Highway 60 to junction Missouri Highway 13, thence along Missouri Highway 13 to junction U. S. Highway 69, at or near Bethany, Mo., and thence along U. S. Highway 69 to the Missouri-Iowa State line; points in that part of Colorado on and east of U. S. Highway 85; and points in that part of Texas on and north of U. S. Highway 66.

By the Commission.

[SEAL] HAROLD D. MCCOY,  
*Secretary.*

[F. R. Doc. 57-10216; Filed, Dec. 11, 1957; 8:45 a. m.]

FOURTH SECTION APPLICATIONS FOR RELIEF  
 DECEMBER 9, 1957.

Protests to the granting of an application must be prepared in accordance with Rule 40 of the general rules of practice (49 CFR 1.40) and filed within 15 days from the date of publication of this notice in the FEDERAL REGISTER.

LONG-AND-SHORT HAUL

FSA No. 34341: *Fine coal—Southern and Illinois mines to Georgia points.* Filed by O. W. South, Jr., Agent (SFA No. A3571), for interested rail carriers. Rates on fine coal, carloads, from mines in southern territory, and from Belleville, Ill., and other southern Illinois points to Arkwright, Krannert, McManus, Mitchell and Yates, Ga.

Grounds for relief: Market competition with other coals.

Tariffs: Supplement 39 to Central of Georgia Railway Company tariff I. C. C. 3297 and other schedules listed in the application.

FSA No. 34342: *Fertilizer Solutions—Ontario points to official territory.* Filed by O. E. Schultz, Agent (ER No. 2414), for interested rail carriers. Rates on nitrogen fertilizer or fertilizer ammoniating solution, and phosphatic fertilizer solution, tank-car loads, from Niagara Falls and Port Robinson, Ont., Canada to points in official (including Illinois) territory.

Grounds for relief: Short-line distance formula and market competition.

Tariff: Supplement 20 to Agent H. R. Hinch's tariff I. C. C. 4772.

FSA No. 34343: *Lumber and related articles—Southern points to Kentucky points.* Filed by O. W. Smith, Jr., Agent (SFA No. A3572), for interested rail carriers. Rates on lumber and related commodities, carloads from specified points in southern territory to specified points on the Kentucky & Tennessee Railway in Kentucky.

Grounds for relief: Short-line distance formula and grouping.

Tariffs: Supplement 126 to Agent Spaninger's tariff I. C. C. 1282 and four other schedules.

FSA No. 34344: *Fresh meats and packing house products—Ft. Smith, Ark., to Kansas City, Mo.* Filed by F. C. Kratzmeir, Agent (SWFB No. B-7166), for interested rail carriers. Rates on fresh meats and packing house products, straight or mixed carloads from Ft. Smith, Ark., to Kansas City, Mo.

Grounds for relief: Truck competition.

Tariff: Supplement 77 to Agent Kratzmeir's tariff I. C. C. 4036.

By the Commission.

[SEAL] HAROLD D. MCCOY,  
*Secretary.*

[F. R. Doc. 57-10276; Filed, Dec. 11, 1957; 8:49 a. m.]

DEPARTMENT OF JUSTICE

Office of Alien Property

ENTERPRISES LEON BALLOT AND POUCH  
 TERMINAL, INC.

NOTICE OF INTENTION TO RETURN VESTED  
 PROPERTY

Pursuant to section 32 (f) of the Trading With the Enemy Act, as amended, notice is hereby given of intention to return, on or after 30 days from the date of publication hereof, the following property, subject to any increase or decrease resulting from the administration thereof prior to return, and after adequate provision for taxes and conservatory expenses:

*Claimant, Claim No., Property, and Location*

Enterprises Leon Ballot, Paris, France, Claim No. 4597; \$1,886.53 in the Treasury of the United States.

Pouch Terminal, Inc., New York, N. Y., Claim No. 1208; \$1,337.35 in the Treasury of the United States.

Vesting Order No. 271.

Executed at Washington, D. C., on December 6, 1957.

For the Attorney General.

[SEAL] PAUL V. MYRON,  
*Deputy Director,  
 Office of Alien Property.*

[F. R. Doc. 57-10287; Filed, Dec. 11, 1957; 8:51 a. m.]

MARTHA JOHANNA BAUMANN

NOTICE OF INTENTION TO RETURN  
 VESTED PROPERTY

Pursuant to section 32 (f) of the Trading With the Enemy Act, as amended, notice is hereby given of intention to return, on or after 30 days from the date of publication hereof, the following property, subject to any increase or decrease resulting from the administration thereof prior to return, and after adequate provision for taxes and conservatory expenses:

*Claimant, Claim No., Property, and Location*

Martha Johanna Baumann, 13 Effingerstrasse, Berne, Switzerland; \$41.25 in the Treasury of the United States; and 5 shares of \$100 par value common capital stock of Baltimore and Ohio Railroad Company, evidenced by Certificate No. A-684842, presently in the custody of the Federal Reserve Bank of New York.

Vesting Order No. 17829; Claim No. 61489.

Executed at Washington, D. C., on December 6, 1957.

For the Attorney General.

[SEAL] PAUL V. MYRON,  
*Deputy Director,  
 Office of Alien Property.*

[F. R. Doc. 57-10288; Filed, Dec. 11, 1957; 8:51 a. m.]

HANS FRITZ STETTLER

NOTICE OF INTENTION TO RETURN VESTED  
 PROPERTY

Pursuant to section 32 (f) of the Trading With the Enemy Act, as amended, notice is hereby given of intention to return, on or after 30 days from the date of publication hereof, the following property, subject to any increase or decrease resulting from the administration thereof prior to return, and after adequate provision for taxes and conservatory expenses:

*Claimant, Claim No., Property, and Location*

Hans Fritz Stettler, 1 Amthausgasse, Berne, Switzerland; \$581.41 in the Treasury of the United States.

Vesting Order No. 17906; Claim No. 63191.

Executed at Washington, D. C., on December 6, 1957.

For the Attorney General.

[SEAL] PAUL V. MYRON,  
*Deputy Director,  
 Office of Alien Property.*

[F. R. Doc. 57-10289; Filed, Dec. 11, 1957; 8:51 a. m.]

[Vesting Order 8727, Amdt.]

AMBI VERWALTUNG K. G. AUF AKTIEN  
ET AL.

In re: Interest of Ambi Verwaltung  
K. G. auf Aktien in agreements of  
Edward G. Budd Manufacturing Com-  
pany of Philadelphia, Pa., and others.

Vesting Order 8727, executed April 16,  
1947, is hereby amended as follows and  
not otherwise: By deleting the words  
"Ambi-Budd Verwaltung K. G. auf  
Aktien" wherever they appear in said  
Vesting Order, and substituting therefor  
the words "Ambi Verwaltung K. G. auf  
Aktien."

Executed at Washington, D. C., on De-  
cember 6, 1957.

For the Attorney General.

[SEAL] DALLAS S. TOWNSEND,  
*Assistant Attorney General,*  
*Director, Office of Alien Property.*

[F. R. Doc. 57-10290; Filed, Dec. 11, 1957;  
8:51 a. m.]